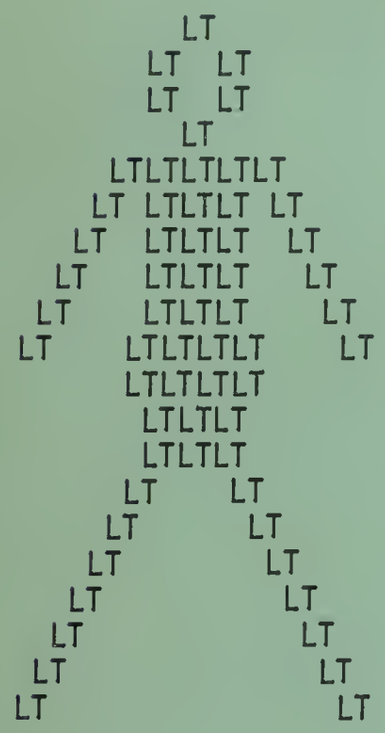
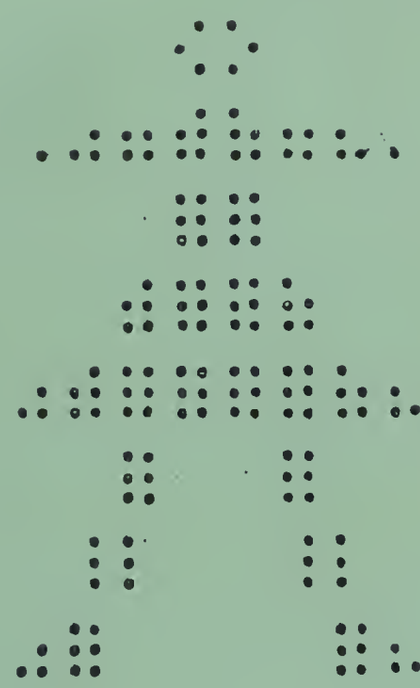
EDUCATIONAL AIDS FOR VISUALLY HANDICAPPED





INSTRUCTIONAL MATERIALS REFERENCE CENTER

FOR VISUALLY HANDICAPPED CHILDREN

MEMBER IMC/RMC NETWORK

American Printing House for the Blind
1839 Frankfort Avenue
Louisville, Kentucky 40206

September 1971
Second Edition
Second Printing, 1974

EDUCATIONAL AIDS FOR VISUALLY HANDICAPPED

Instructional Materials Reference Center
for Visually Handicapped Children

Member IMC/RMC Network

American Printing House for the Blind
1839 Frankfort Avenue
Louisville, Kentucky 40206

Finis E. Davis, Vice President and General Manager
Carl W. Lappin, IMRC Director

American Printing House for the Blind
in cooperation with the
Bureau of Education for the Handicapped

September 1971

Second Edition

PREFACE

The purpose of this publication is to provide educators and teachers with sources of related educational materials and aids which can be used to improve and strengthen instructional programs for visually handicapped children. It is not intended that this print-out supplant in any way the work done by abstractors at various Special Education Instructional Materials Centers and the CEC ERIC Information Center. It is rather an Interim measure prepared for teachers and educators who work directly with visually handicapped children.

Generally the publication contains listings of tactile aids and materials that have been specifically designed for the visually handicapped. Occasionally, items designed for sighted which have been used successfully with or appear to have significant implications for visually handicapped students are included.

An attempt was made to include only those items which have educational implications for students in various educational and vocational programs. Such aids as hypodermic needles and other medical and personal aids have not been included.

Aids are listed alphabetically in sections under categories. When feasible, SEIMC guidelines for abstracting and indexing instructional materials were considered in selecting these categories.

The print-out is not cross-referenced. If an aid does not appear in a particular category, check under related subjects for it. For example, some games with educational implications are listed under subject headings. The Braille Map game is listed under GEOGRAPHY. Calendars, clocks and watches appear under MATHEMATICS-TIME.

Subheads under categories are sometimes based on the number of items in a category. All aids for deaf-blind are included under DEAF-BLIND. Because of the large number of listings categorized under BRAILLE, additional subheads are used to aid in finding specific items. A number of aids specifically for young blind children have been listed under PRESCHOOL.

Prices included are those which were available when cards for the individual items were typed. These prices are subject to change and final costs should be checked with the manufacturers and suppliers.

A sample listing and an explanation of foreign currency symbols follow.

SAMPLE LISTING

MATHEMATICS-LINEAR MEASUREMENT

TAPE MEASURE
A 60" linen tape measure marked with metal eyelets.
Price: 36P, No. 9085 (RNIB catalog number)
Source: RNIB (manufacturer or supplier)

The following symbols are used for prices listed in pounds.

L Pounds

P Pence

The following symbol is used for prices listed in marks.

DM Mark

ABBREVIATIONS OF MANUFACTURERS AND SUPPLIERS

AFB	American Foundation for the Blind, 15 West 16th Street, New York, New York 10011
APH	American Printing House for the Blind, 1839 Frankfort Avenue, Louisville, Kentucky 40206
BLINDEN	Blindenstudienanstalt, 355 Marburg/Lahn, Liedigsterassee II, Marburg/Lahn 16, Germany
HP	Howe Press, Perkins School for the Blind, Watertown, Massachusetts 02172
RNIB	The Royal National Institute for the Blind, 224-6-8 Great Portland Street, London W.1, England
SFB	Science for the Blind, Box 64, Haverford, Pennsylvania 19401
TAB	Tactile Aids for the Blind, Inc., 2625 Forest Avenue, Des Moines, Iowa 50311
TEACH	Educational Teaching Aids Division, A. Daigger and Company, 159 West Kinzie Street, Chicago, Illinois 60610
TOUCH	Touch Aids, C & E Krueger, 1790 South Juniper Street, Escondido, California 92025

NOTE: Above sources can be contacted for current catalogs or listings. Numbers and prices are changed in some cases. Additional items of interest may be found, also.

TABLE OF CONTENTS

TITLE	PAGE
Aids-Supply Sources and Catalogs	1
Braille-Duplication	2
Reading and Writing Aids	3
Reading Readiness	5
Writing Machines	6
Writing Slates	10
Writing Styluses	14
Deaf-Blind Aids	16
Electronics	17
Games-General	18
Card	22
Chess and Checkers	24
Puzzles	25
Geography and Social Studies	26
Handwriting and Typewriting	28
Health Education	31
Language Arts	32
Mathematics-General	33
Counting	36
Geometric	38
Linear Measurement	40
Slates	42
Time	43
Mobility Aids	47
Music	49
Optical Aids and Instruments	50
Paper and Binders	51
Personal Aids	56
Physical Education	57
Practical Arts-Cooking	59

TABLE OF CONTENTS

TITLE	PAGE
Practical Arts-Sewing	62
Preschool	64
Reading Aids	67
Recording and Sound Equipment	68
Science	72
Vocational Education-Industrial Arts	75
Miscellaneous	79
Apparatus and Equipment manufactured in Japan	80

AIDS-SUPPLY SOURCES AND CATALOGS

EQUIPMENT AND SUPPLIES

A catalog listing sources of equipment and supplies tested and approved for preschool, school and home use by the committee on equipment, established by the Executive Board of The Association for Childhood Education International.

Price: $1.50

Source: Association for Childhood Education International, 3615 Wisconsin Avenue, North West, Washington, D. C. 20016.

LOW VISION AIDS

A list of addresses of companies which sell low vision aids. Types of aids available from each are indicated.

Price: No Charge

Source: School of Optometry, University of California, Berkeley, California 94720

NEW EDUCATIONAL MATERIALS

The book, compiled by Mary L. Allison, contains evaluations and reviews of classroom-tested Instructional Materials. Listings include almost 300 instructional aids-films, recordings, multi-media kits, filmstrips, transparencies, film loops, teaching-learning games, professional guides, resource and "How-To-Do" articles - and 330 books for every major curriculum area and grade level, as well as professional books for educators and a comprehensive source-guide of manufacturers and publishers.

Price: $2.75

Source: Citation Press, 904 Sylvan Avenue, Englewood Cliffs, New Jersey 07632

OPTICAL AIDS CATALOGUE

This catalogue contains hand magnifiers, stand magnifiers, head-borne magnifiers, distance aids and miscellaneous devices for the partially sighted.

Price: $2.00

Source: The Lighthouse Low Vision Services, New York Association for the Blind, 111 East 59th Street, New York, New York 10022

READING AIDS FOR THE HANDICAPPED

The publication includes information on large type books, dictionaries, duplicating firms, magnifiers, page turners, projectors and readers, reading glasses, reading stands, self-help devices, talking book machines, talking books and other specialized services.

Price: First four copies, Free

Source: American Library Association, 50 East Huron Street, Chicago, Illinois 60611

RECOMMENDED AIDS FOR THE PARTIALLY SIGHTED

A pamphlet containing general description of optical aids, lists of recommended devices according to type, sources of supply, and a section on magnifiers grouped according to the level of reading vision for which each is suited.

Price: $1.00

Source: National Society for the Prevention of Blindness, Inc., 79 Madison Avenue, New York, New York 10010

TEACHING AIDS FOR BLIND AND VISUALLY LIMITED CHILDREN

A workbook by Dorward and Barraga for parents, teachers, and shop students with construction directions for educational aids for children. Included are diagrams and photographs of 30 mathematical, spelling, matching, and other puzzles. Brailled appendix.

Price: $2.75

Source: AFB

BRAILLE-DUPLICATION

ADS MULTI-MEDIA SYSTEM

This system is self-containing and has everything needed to produce models and operate program, included are: Vacuum forming machine, plastic sheets, aluminum cast molds for producing models, teacher guide, student guide, pre-recorded cassette teaching tape, and accessory kit.

Price: $329.00 (vacuum former)
99.95 (accessory kit)
69.95 (each program)

Source: Academic Dimension Systems, Inc., 30065 Greenfield Road, Southfield, Michigan 48075

BRAILLE DUPLICATOR, MARBURG

Braille print size: 210 x 297 mm, breadth of paper: 220 mm with accessories. One printing set contains: 5 lettercases, 1 storage type box, 1.5 kg types with one dot, 1.5 kg types with 2 dots, 1.2 kg types without dots.

Price: DM 735,- For one-sided print
DM 927,80 For double-sided print

Source: BLINDEN

BRAILLE DUPLICATORS (LARGE SCALE)

The latest model stereotyping machines are operated by motor drives. Plate movement is automatic, and they produce double-sided interline or interpoint prints. Each page contains between 23 and 32 lines of 36 and 42 cells.

Price: Not Available

Source: APH
BLINDEN
B. J. Lynes, LTD., London, England
Nippon Lighthouse for the Blind, Osaka, Japan

BRAILLE ROTATION PRESS, MARBURG
Machine for producing Braille print.
Price: On Request
Source: BLINDEN

BRAILON PLASTIC SHEETS
Plastic sheets (11 1/2" x 11") for use with the Thermoform 55 Braillon Duplicator. Also pre-punched for use with the Krebs Binder. (Available on Quota Accounts only).
Price: $17.00 per package (500 sheets), No. 1-0463
Source: APH

CELL-O-CATOR
A guide which indicates the number of the individual cell. It is also valuable for centering material. A 37 cell guide, mounted on a clip on plastic strip. For use with the Perkins Brailler.
Price: $.25
Source: Mr. B. B. Brown, 212 Everett Place, East Rutherford, New Jersey 07073

LINE-O-CATOR
A handmade guide that accurately indicates the number of the braille line you are working on and how many lines are left. It can be easily slipped on to a Perkins Brailler and is made with either print or braille numbers. This guide is most essential for persons transcribing textbooks.
Price: $2.15 each
Source: Mr. B. B. Brown, 212 Everett Place, East Rutherford, New Jersey 07073

THERMOFORM 55 BRAILON DUPLICATOR
Reproduces braille or other embossed material (relief maps, diagrams, math symbols, etc.). Uses braillon plastic sheets. Compact table model.
Price: $450.00
Source: American Thermoform Company, 8640 East Slauson Avenue, Pico Riverra, California 90660

BRAILLE-READING AND WRITING AIDS

BRAILLETTE BOARD AND PEGS
By inserting round headed metal pegs in holes in drilled base board, braille characters can be formed. When lid is closed and box turned over, characters are shown as they are written when using a braille frame. Board provided with 100 pegs.
Price: 86P, Boards and Pegs, No. 9068
15P, Extra Pegs per pound, No. 9068A
Source: RNIB

ERASER, LIFE-TIME
With Dupont Teflon tip; pencil style, anodized, hexagonal aluminum construction.
Price: $.75
Source: HP

ERASER, PLASTIC
Teflon plastic; 2 1/4" long, 1/2" diameter in shank; rounded tip.
Price: $.60, No. 1-0028
Source: APH

ERASER, WOOD
Hard maple, natural finish; 2 1/2" long with knob same size and shape of large stylus handle; rounded tip.
Price: $.10 each or
1.00 per dozen, No. 1-0027
Source: APH

ERASER, WOOD
Large, to be used with Perkins Brailler.
Price: $.25
Source: HP

ERASER, WOOD
Small, stylus size.
Price: $.15
Source: HP

FINGER STALL FOR BRAILLE READING
Made from thin plastic and fitted with an elastic band which fits over the wrist. Of particular help to those learning to read braille.
Price: 2P, No. 9443
Source: RNIB

PAPER PUNCH
Device for perforating braille paper for mounting in notebook. Three removable punches are mounted in slots so that they may be spaced to fit various notebooks.
Price: $4.75, No. WC193
Source: AFB

STOKES PLACE-HOLDER
Thin lacquered sheet of paint-lock sheet steel with a small strip of magnetized plastic. Used to keep place on braille page.
Price: $.85, No. 1-0359
Source: APH

TYLOR MARGIN GUIDE
A small metal guide for making braille marginal notes.
Price: 15P, No. 9363
Source: RNIB

BRAILLE-READING READINESS

ALPHABET CARDS

With numerals, special prices for quantity order per dozen. Aid for beginners with braille.

Price: $.50 per dozen, braille alphabet cards with numerals
.20 script raised alphabet
.20 square hand raised alphabet

Source: HP

BRAILLE ALPHABET CARDS

Two designs of Braille Alphabet Cards are available for purchase from stock: Single-page card, 3 5/8" x 6 1/4", printed in both Braille and ink print on white 8-point glossy stock card. Three-page card folder, 3 5/8" x 6 1/4" when folded, printed in both Braille and ink print.

Price: $1.50 per 100, (Single-page card), No. 1-0402
.01 each, (Three-page card folder), No. 1-0400

Source: APH

BRAILLED BLOCKS AND SPELLING BOARD

Wooden frame holds wood rectangular blocks which have brailled letters and numerals. Suitable for learning braille, simple arithmetic, punctuation and spelling.

Price: $10.00

Source: TAB

BRAILLED BLOCKS WITH PEGS

Wooden blocks drilled with 6 holes in the form of a braille cell.

Price: $.60

Source: TAB

DE BRAILLE INSTRUCTIONAL DEVICE

For teaching braille. Three sections of wood fitted with studs rotate around a common axis. Any letter of the alphabet can be formed by turning the sections independently.

Price: 19P, No. 9365

Source: RNIB

MAGNETIC BOARD

Board used with magnetic tiles each of which is brailled with a numeral or word. Used for sentence construction or setting up mathematical problems.

Price: $10.00

Source: TAB

TEXTURED BLOCKS WITH DIVIDED RACK

"Wonder Blocks", 16 cube blocks containing several different matching textures within the set. Divided rack for storage. Develops dexterity, discrimination, sensitivity.

Price: $20.00

Source: TAB

TEXTURED CARD SET

Plywood Boards, covered with highly textured fabric on both sides. Especially helpful for matching and texture discrimination. Five matching pairs of cards in the set.
Price: $4.00
Source: TAB

BRAILLE-WRITING MACHINES

BANKS POCKET BRAILLEWRITER

This writer has a standard braille keyboard and uses a paper tape 1/2 inch wide. The whole machine measures only 4 1/2 inches in width and 7 inches long.
Price: Not Available
Source: Dr. Philip E. Pofcher, 749 South Street, Roslindale, Massachusetts 02131

BRAILLE TYPEWRITER

Writing aid for typing braille, for typing roman letters, and for typing both braille and roman letters simultaneously. The manufacturers claim that the machine can be operated by both the blind and sighted, using one finger if necessary. (It has a standard typewriter keyboard.)
Price: $427.30
Source: Toki Commercial Company, Nippon Jitensha Kaikan Building, No. 3, 7-Chome, Akasaka-Tamachi, Minato-Ku, Tokyo, Japan

BRAILLE TYPEWRITER

An electric typewriter with standard keys that produces braille. Knowledge of the braille code is necessary to emboss Grade 2 braille, although a reading knowledge of braille itself is not necessary.
Price: $490.00 - individuals
$375.00 - schools
Source: Contact Local IBM Distributor

DYMO BRAILLE TAPE WRITER

Embosses Grade 1 braille on vinyl tape. Inkprint guide for sighted.
Price: $24.95, No. BM244
Source: AFB

DYMO TAPE

Clear plastic tape for labeling, self adhesive, 1/2 inch wide, 12 foot roll.
Price: $1.15
Source: HP

'H' MODEL BRAILLE SHORTHAND MACHINE

An improved version of the 'G' model enclosed in a leatherette covered case fitted with lock and fold-down handle. The baseboard of the machine forms an integral part of the case the lid of which is removed when it is desired to operate the machine. The redesigned clutch eliminates the need for a drawband and gives greater reliability whilst the lighter action of the keys eliminates fatigue. The machine, almost silent in operation, incorporates the following features: - plastic key caps, adjustable space key, adjustable tension, and extension arms enable a fully brailled roll to be wound back. Sufficient space has been allowed for the braille roll or a spare roll to be carried in the case. Size 12" x 7 1/2" x 7 1/4". Weight with case 6 pounds 10 ounces.

Price: 35L 70P, No. 9001

Source: RNIB

LAVENDER BRAILLEWRITER

Weight 9 1/2 pounds, maximum page size 11 1/2" wide, any length, permitting the writing of 40 cells on a 11" page. Lift-off cover, with carrying handle attached to frame.

Price: $65.00, No. 1-0083

Source: APH

MARBURG BRAILLE WRITER

Normal type for writing with two hands.

Price: DM 275,-

Special type for writing with one hand, either right or left.

Price: DM 275,-

Source: BLINDEN

MARBURG SHORTHAND WRITER (6 DOT SYSTEM)

Price: DM 367,50 - Normal type for writing with two hands.
DM 382,25 - Special type for writing with one hand, either right or left.

Both machines are available with a distance of 7 mm between the cells, at the original price. The standard distance between cells is 6.6 mm. If the greater distance is required, please indicate this in your order.

ACCESSORIES:

Price: DM 11,60 - Felt case for 6 Dot Shorthand Brailler.
DM 22,- - Tape spool with a binding screw.
DM 6,50 - Two reading clamps.
DM -,65 - Metal plate.
DM 3,- - Box for keeping the embossed tape.
DM 2,65 - Folding paper basket.
DM 189,- - Automatic shorthand winding and unwinding roller.

Source: BLINDEN

PERKINS BRAILLER

Weight 10 pounds; maximum page size 11 1/2" in width x 14" long, permitting the writing of 25 lines, 41 cells, on an 11" page; dust cover furnished with each machine.

Price: $115.00, No. 1-0085

Source: APH Available on Quota Accounts only.
HP Non-Quota Accounts.

PERKINS BRAILLER (UNIMANUAL)

A special model of the Perkins Brailler primarily for persons limited by disability to the use of one hand. It incorporates additional mechanism developed by the original designer of the Perkins Brailler. The keyboard is similar to the standard Perkins Brailler but the keys for dots one, two and three remain depressed until dots four, five and six are added or the space key used. The unimanual brailler cannot be operated with two hands.

Price: $115.00

Source: HP

PERKINS BRAILLER CARRYING CASE

Case similar to a portable typewriter case designed to carry the Perkins Brailler. Weight 4 pounds, 12 ounces.

Price: $15.00

Source: HP

PERKINS BRAILLER EXTENSION KEYS

Extension keys which can be fitted onto any Perkins Brailler, makes it possible to emboss the "full braille cell with either hand, by one stroke of the hand... while the other hand is free to continue reading the original material."

Price: $10.75, No. 1-0086

Source: APH Available on Quota Accounts only.
HP Non-Quota Accounts.

PERKINS BRAILLER, SPECIAL SPACE BAR EXTENSION KEY

To be used with extension keys for Perkins Brailler.

Price: $1.60

Source: HP

PERKINS BRAILLER, STRAIGHT EXTENSION KEYS FOR

Straight extension keys for Perkins Brailler - offers increased leverage for both hands.

Price: $10.00

Source: HP

PHYLAB BRAILLER

A self-contained typing-transcribing system automatically and simultaneously produces a Braille copy of the black and white typewritten text. An ordinary office typewriter of well known make, and the Braille transcribing unit form an integrally linked system unit. As the typist works, the Phylab Brailler embosses, simultaneously with the typewriten text, a Braille copy on paper teleprinter tape. Developed at the National Physical Laboratory of Israel.

Price: Not Available

Source: ELOP, The Israel Electro Optical Industry LTD., P. O. B. 1165, Rehovot, Israel

STAINSBY BRAILLE WRITER-LARGE SIZE

Uses 10 by 13 1/2 inch braille paper. Three standard models are produced, each of which is available with either ordinary or reversed keys and carrying case.

Price: 19L - Interlining, No. 9005A
19L 35P - Interpointing, No. 9008A
20L 75P - Combined Model, No. 9010A

Source: RNIB

STAINSBY BRAILLE WRITER-SMALL SIZE

Especially designed for writing on small manila paper 7 1/2 by 10 1/4 inch and for interpoint braille only.

Price: 21L - Interpointing Model, Ordinary Keys, No. 9452A
21L - Interpointing Model, Reverse Keys, No. 9452B

Source: RNIB

STENO-DOT MACHINE

A form of Braille shorthand machine similar to the one used by a court recorder. This machine does not use the regular Braille cell, but uses a form of phonetic alphabet. Manually operated, noiseless and operates from three to four hours on one load of paper. A person is required to use all ten fingers in the operation of this machine. It is said that a trained operator can copy up to 225 wpm. The machine weighs only 4 pounds and at present is figured to cost:

Price: $460.00 each
225.00 each if parts can be obtained easily and an adequate market can be found.

Source: Power Typing, Inc., 5963 East 31st Street, Tulsa, Oklahoma 74135

BRAILLE-WRITING SLATES

BARR SLATE

The slate consists of two metal plates. The bottom plate is provided with embossed projections which are grouped into braille cells. Each cell contains six embossed projections. The simplified slate consists of four rows of twenty-seven cells. There are four pins, one in each corner to hold the paper securely. The top plate of the slate is provided with guides indicating the positioning of the characters to be written in each cell. The two plates are hinged on one end. The stylus consists of a metal rod 1/16" in diameter, the end of which is hollowed out in a hemispherical shape complimenting the projections on the bottom plate. The stylus is used to press over the projections to form the embossed dots immediately on the front of the paper.

Price: $3.00 - Orbit Products Company has paper available (Plastic Sheets 8" x 10")
3.19 - for 100 sheets (2 lbs.)
14.75 - for 500 sheets (10 lbs.)
Paper F.O.B. St. Louis, Missouri

Source: Orbit Products Company, Inc., Box 123, Manchester, Missouri 63011

BRAILLE WRITING FRAMES, ALUMINUM

Price: DM 13,50 - Size 10 x 15 cm, 8 lines of 20 cells each.
DM 17,50 - Size 12 x 26 cm, 10 lines of 36 cells each.

Source: BLINDEN

BROWN SLATE

4-line, 28-cell anodized aluminum. A refinement of regulation pocket slate with added frame to hold the pins for mounting paper to make possible dropping open the bottom part of guide to read what has been written. Stylus included.

Price: $3.75, No. 1-0017

Source: APH

CORRECTING SLATE

4-line, 38-cell guide, nickel alloy. Includes Stylus.

Price: $2.50, No. 1-0014

Source: APH

CORRECTION SLATE

40-cell, 4-line nickel plated brass, primarily for sighted proofreaders for correcting assignments produced on Perkins Braillers.

Price: $3.75, No. 140 TC

Source: HP

DESK SLATE

4-line, 37-cell nickel plated brass, as required by the Library of Congress for books transcribed under its sponsorship.

Price: $5.35 (with board), No. 137

Source: HP

DESK SLATE
4-line, 40-cell nickel plated brass, same spacing of cells as Perkins Brailler; for transcribing and correction. Makes more use of 11 1/2" paper.
Price: $5.50 (with board), No. 140
Source: HP

DESK SLATE (LARGE)
4-line, 37-cell nickel alloy guide, with plastic board. Stylus included.
Price: $5.25, No. 1-0004
Source: APH

DESK SLATE (SMALL)
4-line, 27-cell nickel alloy guide, with wooden board. Stylus included.
Price: $5.00, No. 1-0006
Source: APH

GIANT DOT BRAILLE SLATE (DESK MODEL)
Cells about 1/3 larger than standard braille. Supplied with oversize stylus.
Price: $9.25, No. BS3
Source: AFB

GIANT DOT BRAILLE SLATE (POCKET MODEL)
Sturdy steel, two lines 16 cells each. Over-all 8 5/8" x 1 9/16". Supplied with oversize stylus.
Price: $4.50, No. BS4
Source: AFB

HOFF AID
Upward-writing slate, with stylus, designed primarily for use in making mathematical calculations on paper. Hinged metal line index paperfeed. Slate provides for 16 braille lines, 30 cells to line, with maximum paper size of 8 1/2" x 9 1/2".
Price: $35.00, No. 1-0051
Source: APH

INTERLINING BRAILLE FRAME
For writing standard character interline braille.
Price: 2L 68P - Large Frame 10" by 13 1/3", No. 9016.
2L 30P - Small Size for Paper 7 1/2" by 10 1/4", No. 9017.
Source: RNIB

"JIFFY" SLATE
19-cell, 6-line - for 3 x 5 cards only--special design--No pins or hinges.
Price: $4.25
Source: HP

JUMBO DOT SLATE
E-Z Read; 18-cell, 4-line, Aluminum - oversize cell and dot with special stylus, now makes Large Dot Dymo Tape Labels, underside of slate has new antislip tape.
Price: $5.00
Source: HP

JUMBO SLATE
18-cell, 4-line oversize cell and dot; for training under special conditions. Used with out board.
Price: $5.00 (includes special stylus)
Source: HP

MARBURG PLASTIC SLATE
Size: 20 x 5 cm, 4-lines of 26 cells each
Price: DM 4,20,
DM -,80 - Stylus
Source: BLINDEN

19 CELL E-Z READ SLATE
Braille can be read without removing paper from slate, 6-line post-card size, lightweight aluminum. Includes stylus.
Price: $2.85, No. 2 E-Z
Source: HP

19 CELL POCKET SLATE
6-line postcard size, lightweight aluminum, includes one stylus.
Price: $2.65, No. 2
Source: HP

27 CELL POCKET SLATE
4-line, aluminum.
Price: $2.65, No. 1
Source: HP

27 CELL POCKET SLATE
4-line, nickel plated brass, same size as No. 1.
Price: $2.75, No. 11
Source: HP

27 CELL E-Z READ SLATE
Braille can be read without removing paper from slate, 4-line, nickel plated brass, same size as No. 1 E-Z, recommended for school use.
Price: $3.00, No. 11 E-Z
Source: HP

27 CELL E-Z READ SLATE
Special pins in top leaf secure paper, braille can be read without removing paper from slate, 6-line lightweight aluminum, used with IBM cards for programmers.
Price: $5.00 ACM E-Z
Source: HP

37 CELL POCKET SLATE
4-line, nickel plated brass, used without board.
Price: $3.15, No. 137X
Source: HP

40 CELL E-Z READ SLATE
4-line, brass.
Price: $4.50, No. 140 E-Z
Source: HP

PLAYING CARD SLATE WITH STYLUS
Price: $3.20
Source: HP

POCKET BRAILLE FRAME
Metal frame for giant dot braille on one side of small paper. 7 1/2" x 10 1/4". Supplied with giant dot stylus. (Two-Line).
Price: 1L 29P, No. 9043
Source: RNIB

POCKET BRAILLE FRAME
Metal frame for occasional notes in small character braille on one side of small size paper. (Four-Line)
Price: 1L 09P, No. 9044
Source: RNIB

POCKET SLATE
4-line, 28-cell guide. Stylus included.
Price: $.50 - Plastic, No. 1-0008
2.50 - Colored Anodized Aluminum, No. 1-0009
2.50 - Nickel Alloy, No. 1-0010
3.00 - Inter-Point, No. 1-0007
Source: APH

POSTCARD SLATE
4-line, 19-cell, colored anodized aluminum guide. Stylus included.
Price: $2.00, No. 1-0012
2.50 - Inter-Point, No. 1-0011
Source: APH

SINGLE LINE SLATE
25-cell, single line slate with stylus. For use with "Dymo" tape.
Price: $3.00
Source: HP

TAPE, URETHANE FOAM
Prevents slate from moving while in use - specify size of slate.
Price: $.25
Source: HP

TYLOR MICRO-BRAILLE SLATE (POSTCARD SIZE)
For writing "small character" braille on one side of paper only.
Price: $3.95, No. BS5
Source: AFB

TYLOR TATLOW FRAME
For writing small character interline braille. Alternate lines on each side of the frame are numbered in braille for quick reference.
Price: 1L 46P, No. 9358
Source: RNIB

BRAILLE-WRITING STYLUSES

REPLACEMENT POINTS
For reversible stylus.
Price: $.75
Source: HP

STYLUS
For diagraming, has a tiny serrated wheel which moves.
Price: $2.20, No. 467
Source: A. B. Dick Company, Inc., 190 Saw Mill River Road, Hawthorne, New York 10532

STYLUS
For diagraming, has a tiny serrated wheel which does not move.
Price: $2.20, No. 465
Source: A. B. Dick Company, Inc., 190 Saw Mill River Road, Hawthorne, New York 10532

STYLUS
For diagraming, has a very tiny serrated wheel which moves.
Price: $2.20, No. 460
Source: A. B. Dick Company, Inc., 190 Saw Mill River Road, Hawthorne, New York 10532

STYLUS
For diagraming, has a point similar to ball point pen.
Price: $1.10, No. 469
Source: A. B. Dick Company, Inc., 190 Saw Mill River Road, Hawthorne, New York 10532

STYLUS
For diagraming, has a tiny ball on the end.
Price: $1.65, No. 1412
Source: A. B. Dick Company, Inc., 190 Saw Mill River Road, Hawthorne, New York 10532

STYLUS
Regular, black enameled wooden handle.
Price: $.20
Source: HP

STYLUS, FREEHAND DRAWING
Produces individual upright braille dots. Excellent for reproducing geometric shapes on braille paper.
Price: $3.30
Source: HP

STYLUS, GIANT
Stylus for Giant Dot Slate.
Price: $.30, No. ES261
Source: AFB

STYLUS, MICRO
Stylus for Tylor Micro-Braille Slate.
Price: $.30, No. BS260
Source: AFB

STYLUS, PENCIL
With teflon eraser, new concept of traditional stylus, pencil-shaped, available in gold or silver, with pocket clip.
Price: $1.95
Source: HP

STYLUS, REVERSIBLE
With teflon eraser, steel point may be unscrewed and inserted in aluminum handle for safe carrying. New Anti-Roll feature.
Price: $1.35
Source: HP

STYLUS, TUCKAWAY
Standard shape. Point can be unscrewed and inserted in aluminum handle.
Price: $1.95, No. BS1
1.25 - Replacement Points, No. BS2
Source: AFB

STYLUSES
Either large or small handles; made with cadmium-plated, conically-ground steel points; wooden handles painted with black enamel.
Price: $.12 each or
1.25 per dozen - large handle, No. 1-0020.
.12 each or
1.25 per dozen - small handle, No. 1-0022
Source: APH

SWAIL DOT INVERTER KIT
Upward embossing metal stylus, with knob same size and shape of large stylus handle; butyl rubber underlay pad.
Price: $6.00, No. 1-0361
Source: APH

DEAF-BLIND AIDS

MARBURG DEAF-BLIND COMMUNICATION DEVICE

This pocket-sized device has 6 keys similar to those of a Braille writer. By pushing down the keys short pins are raised within a small area opposite the keyboard on the top of the case. These pins form the dots of the Braille cell. The deaf-blind person puts a finger on this area and his partner writes what he has to say.

Price: Not Available
Source: BLINDEN

SPEAKING TUBE FOR DEAF-BLIND

Modern ear trumpet which applies the newer knowledge of acoustics.

Price: $18.95, No. MC228
Source: AFB

TACTILE SPEECH INDICATOR

An electronic device which enables a deaf-blind person to use the telephone. (Reported in New Outlook, June 1967, p. 192-193)

Price: Not Available
Source: AFB

TALKING DISC

Plastic device to enable sighted persons to talk to the deaf-blind and vice versa. The disc is emobssed with braille and moon characters. The ordinary letters are printed in black.

Price: 34P, No. 9493
Source: RNIB

TELLATOUCH

A device for communication with a deaf-blind person who knows braille. Keys are arranged like those on a standard typewriter.

Price: $86.50, No. MS229
Source: AFB

VIBRATOR ATTACHMENT FOR DEAF-BLIND

Can be used with time-all, James, or GE timers as alarm. Plugged into outlet on timer and placed under mattress, vibrations are amplified by bed springs.

Price: $14.95, No. CM341
Source: AFB

ELECTRONICS

AUDIBLE MULTIMETER

Designed for use by the technician and hobbyist to give accurate tactile readings. Measurements are obtained by turning knob and hearing audible signal. Voltage ranges from .1 to 500 volts. Current ranges from 1 amp to .1ua. Resistance ranges from 1 ohm to 10 megohms.

Price: $89.75, No. TS347
Source: AFB

CAPACITANCE BRIDGE

Checks capacitors to determine characteristics.

Price: $55.00
Source: SFB

CONTINUITY CHECKER

Indicates by the pitch of a tone the continuity of circuits. Also indicates the proper direction for connecting diodes and will check condition of electrolytic capacitors, motors and relays.

Price: $15.00
Source: SFB

FIRE ALARM

Powered by nickel cadmium batteries. Never needs new batteries; works even when electricity fails, because when plugged in, batteries are constantly charging. If room temperature should reach 126°-140° F, due to fire, alarm sounds extra loud horn. White plastic case 3" x 3 1/2" x 1 1/2" with test button and 6 feet of cord.

Price: $16.95, No. 70,848
Source: Edmund Scientific Company, 101 East Gloucester Pike, Barrington, New Jersey 08007

IMPEDANCE BRIDGE

Available in two Models: Heathkit Model - An instrument for the sighted adapted for the blind and the Compact Model - Made specifically for the blind. Measures resistance D. C. and A. C., capacitance, inductance, Q of a coil, D of a capacitor.

Price: $215.00 - Heathkit
200.00 - Compact
Source: SFB

POWER INDICATOR

A buzzing tone from Power Indicator, plugged into an electrical socket indicates a live outlet. The unit is of particular value for testing an outlet from a remote point, such as the fuse box.

Price: Not Available
Source: SFB

RAIN WARNING DEVICE (WITH EXTENSION LEAD)

A battery-operated unit with the sensing head connected to the sound unit by means of a 30 ft. flex lead. It is intended that the sensing head should be made a permanent fixture outdoors while the sound unit is fitted indoors. When switched on, the unit emits a loud sound at the first drop of rain. Size of Sound Unit 3 x 3 x 2 inches. Weight of Complete Unit 1 pound, 9 ounces.
Price: 6L 15P, No. 9345
Source: RNIB

SERVO-VOLTIMETER

For use by scientists and technicians to obtain numerous measurements. D. C. millivolt electronic meter with a full-scale range of 20 millivolts and an input resistance greater than 5 megohms.
Price: $166.95, No. TS324
Source: AFB

SIMPSON 260 MULTIMETER

Measures ohms 0 to 1 megohm, direct current from 0 to 10 amps, D. C. volts from 0 to 5,000. Standard 260 instrument with meter replaced by a braille scale, movable pointer and auditory indicator. Instruction tape provided.
Price: $80.00
Source: SFB

TRANSMITTER TUNING AID

This tuning aid will also serve as a field strength indicator, when a coil is plugged in and it is tuned to the frequency on which the transmitter is operating. This instrument is also known as the "Gimmick".
Price: $25.00
Source: SFB

GAMES-GENERAL

ANAGRAM TILES

Separate set of tiles (98 brailled, 2 blank) which can be combined with those furnished with scrabble game to have enough for anagrams.
Price: $2.00, No. GM38
Source: AFB

BEETLE

This game contains wooden pieces making up component parts of four "beetles", and is for two to four players. Beetles are assembled by each player according to throws of the dice. The first with a completely assembled figure is the winner. Two or more sets may be combined for larger numbers of players.
Price: $2.15, No. GS342
Source: AFB

BEETLE GAME FOR THE BLIND

Version of the popular game of "Beetle" enabling it to be assembled instead of drawn on paper. Each set contains equipment for four players, and instructions in both braille and inkprint.
Price: 39P, No. 9329
Source: RNIB

BINGO BOARD (NEW)

Bingo Board for individual players. Red and white plastic board 3/8" thick, 6" x 6 3/4". Flexible plastic top has braille and print numbers on convex squares. No call numbers are necessary, you simply press the number down with fingers and it snaps into a concave position. Finger holes in back of board enable you to quickly snap numbers back to their original position for the next game. Any number of different boards can be supplied.
Price: $2.45, No. GM140
Source: AFB

BRIDGE SCORER

This scorer has been especially designed for use by the blind bridge players. It consists of a plate pierced with a pair of 3 octagonal holes above and below the line. Can be carried in the pocket.
Price: 20P, No. 9206
Source: RNIB

CALL NUMBERS FOR BINGO

Wooden, Green-stained in braille and inkprint numbers, From 1 to 75.
Price: $3.75, No. GS41
Source: AFB

CENTREPEG

A game for two players using a board and 24 pegs.
Price: 37P, No. 9195
Source: RNIB

CRIBBAGE BOARD

Wooden board measures 3" x 14 3/4". Holes marked with grommets for easy location. Brass markers in enclosure in rear.
Price: $3.50, No. GS54
Source: AFB

CRIBBAGE INSTRUCTIONS

Instructions for cribbage done in braille.
Price: $.30
Source: HP

DICE AND DICE CUP

Black plastic with raised dots, supplied with aluminum cup. Standard dice 1/2 inch cube and giant dice 7/8 inch cube.
Price: 14P - Standard Dice, No. 9367A
25P - Giant Dice, No. 9387A
Source: RNIB

DICE WITH CUP
Both plastic. Raised dots 1 through 6, pair.
Price: $.60, No. GS247
Source: AFB

DOMINO INSTRUCTIONS
Domino Instructions in a Large Print Edition.
Price: $.20
Source: HP

DOMINOES
Molded plastic with very prominent raised black dots on white background.
Price: $3.05, No. GS333
Source: AFB

DOMINOES
28 pieces from double blank to double six. Unique locking feature prevents dominoes from shifting when game is in progress.
Price: $4.50
.30 - Instructions in Braille.
Source: HP

DOMINOIES
Made of plastic and having raised black dots on a white background.
Price: 69P - Double blank to double six, No. 9302.
69P - Seven blank to double nine, No. 9303.
Source: RNIB

MASTER BOARD FOR BINGO (NEW)
Same as Bingo Board for individual players except 3/8" thick, 6" x 17 3/4". Provides 5 columns numbered consecutively from 1 to 75 in braille and print.
Price: $4.25, No. GM141
Source: AFB

MATCHIES
Game for matching braille and ink-print numbers and letters.
Price: $3.00
Source: TOUCH

MERRILY WE ROLL
An exciting game of chance! Green felt lined box with braille and inkprint numbers. Attached flipper tabs cover numbers. Oversized dice and chips provided. No age restriction. Print and braille instructions included.
Price: $4.00
Source: TOUCH

NINE MEN'S MORRIS

For 2 players. Each has 9 men which are strategically placed on board. Object is to get three in a row, which entitles player to remove one of opponent's men. Game is over when all of one player's men have been removed.

Price: $1.05, No. GS237

Source: AFB

NINE MEN'S MORRIS

This game is once again available but in an improved form. The strawboard base has been replaced by one made of 9 mm. plywood and the wooden pegs are replaced by plastic pieces with longer dowels. Size: 10 1/2" x 10 1/2" x 1". Weight: 1 pound, 5 ounces.

Price: 45P, No. 9212

Source: RNIB

PARCHEESI

Inkprint squares or spaces have been replaced by holes into which men of four different shapes fit.

Price: $4.45, No. GS56

Source: AFB

PATIENCE BOARD

Two differently designed sides of the board for playing various games of patience. Game books in braille and letter press included.

Price: 2L 05P, No. 9422

Source: RNIB

PERMA FOOTBALL-GAME

Constructed of plastic material with 22 interchangeable plastic men.

Price: DM 9,-

Source: BLINDEN

RUN MOUSE RUN

Can be played by the blind or by the blind and sighted. Mice move around playing board, at the roll of a die, in an effort to escape the cat.

Price: $3.00

Source: TOUCH

SCORE FOUR (NEW)

This game is similar to Tic-Tac-Toe, except it is played in three dimensions and is four in a row. Two players or multiple partners can play. The 8" square playing board has 16 pegs onto which round and square men are alternately placed. The object is to position four men of the same shape in a straight line on any level and any angle.

Price: $4.95, No. GS250

Source: AFB

SCRABBLE
Braille indications added by manufacturer so game can be played by blind and/or sighted persons.
Price: $7.35, No. GM61
2.35 - Board only, No. GM276
Source: AFB

TIC-TAC-TOE
Large 8" board has 9 depressed squares on which to play this well known game. Players use large cut-out crosses and ciphers alternately, placing them in empty squares with the object of first getting 3 similar pieces in a row.
Price: $2.25, No. GS343
Source: AFB

TIC-TAC-TOE
Round and square men insert into board.
Price: $2.25
Source: TOUCH

TOUCH-RINGO
Plastic rings fit over button-like protrusions on playing board and a magic wheel determines moves.
Price: $4.00
Source: TOUCH

WALK-THE-DOGGIE
For the younger child. Can play alone or with a friend. Object of the game is to walk the doggie around the perimeter of the play board.
Price: $3.25
Source: TOUCH

YOU ARE NOT AN ANGRY MAN
Size of board 28 x 28 cm, board and men of prime quality.
Price: DM 12,60
DM -,55 - Die, 25 mm.
Source: BLINDEN

GAMES-CARD

CARDS-BRAILLED BICYCLE
Standard deck with braille dots.
Price: $1.35, No. GM46
Source: AFB

CARDS-BRAILLED BICYCLE PINOCHLE
Price: $1.70, No. GM256
Source: AFB

CARDS-HAPPY FAMILIES PLAYING
Card game for two or more players consisting of a pack of 48 cards comprising 12 families. Object being for each player to collect as many families as possible.
Price: 31P, No. 9086
Source: RNIB

CARDS, JUMBO
Oversize symbols and numbers for persons with impaired vision. Standard deck.
Price: $.70, No. GM49
Source: AFB

CARDS, KEM PLASTIC BRAILLED
Solid plastic, durable dots, washable.
Price: $5.35, No. GM47
Source: AFB

CARDS, KEM PLASTIC BRAILLED PINOCHLE
Price: $5.35, No. GM48
Source: AFB

CARDS, PATIENCE
Ordinary playing cards embossed in standard size braille.
Price: 95P, No. 9087
Source: RNIB

CARDS, PIT GAME
Game based on the operations of the American corn exchange.
Price: 40P, No. 9332
Source: RNIB

CARDS, PLAYING
Large Print with Jumbo Braille.
Price: $1.75
Source: HP

CARDS, RACK-O
Card game requiring that numbered cards be inserted in racks in progression of low to high. Can be played by 2, 3, or 4 persons.
Price: $3.75, No. GM241
Source: AFB

CARDS, ROOK
Braille version.
Price: $2.45, No. GM50
Source: AFB

GAMES-CHESS AND CHECKERS

CHECKER BOARD WITH MEN-PLASTIC
Board 12" square with sunken 1" squares 3/16" deep. Round and square men to distinguish colors. Men are 3/8" thick and hollow on one side for use as kings.
Price: $1.40, No. GS51
Source: AFB

CHECKERS-CHINESE
Wood-framed board, 16 1/2" square with differently shaped wooden men.
Price: $4.05, No. GM52
Source: AFB

CHESS
Set with board (Imported from England).
Price: $8.50
Source: HP

CHESS AND DRAUGHTS OUTFIT COMPACT
A set of miniature pegged pieces representing chess men with 4 additional pawns and 2 additional rooks, for the game of draughts.
Price: 1L 50P, No. 9167
Source: RNIB

CHESS BOARD AND CHESS MEN-MERRICK
A wooden board with the black squares raised and all squares drilled for the reception of pegged chess men. White chess men have a point at the top.
Price: 1L 50P - Large Board, No. 9278
1L 30P - Small Board, No. 9277
Source: RNIB

CHESS BOARD ONLY
Price: $3.15, No. GS273
Source: AFB

CHESS-DRAUGHTS-NINE MEN'S MORRIS COMBINATION
Price: DM 35,70
Source: BLINDEN

CHESS INSTRUCTIONS
Chess instructions in a Braille Edition.
Price: $.85
Source: HP

CHESS MEN
Sold in complete sets only.
Price: $2.85, No. GS335
Source: AFB

CHESS SET
Size of board, 28 x 28 cm, height of the king, 58 mm, chess board and men of prime quality.
Price: DM 27,30
Source: BLINDEN

CHESS SET-FRENCH
Wooden chess board and men. Board with raised and lowered squares. Measures 11 3/4" square by 1" thick. Men equipped with metal pegs which fit into holes on board. Colors distinguished by having "Flats" sanded on the white.
Price: $5.75, No. GS53
Source: AFB

GAMES-PUZZLES

PUZZLE-BRAHMA
Change 8 discs in graduated sizes from peg "A" to peg "C" by moving one at a time, never allowing a larger disc to be placed on a smaller one.
Price: $.70, No. GS239
Source: AFB

PUZZLE-CROSSWORD BOOK TWO
10 puzzles and solutions in braille and inkprint.
Price: $.85, No. GS274
Source: AFB

PUZZLE-CROSSWORD IN LARGE TYPE
8 1/2 x 11 inch book contains over 50 puzzles and answers in 16 point type. Printed in jet black ink on tinted paper.
Price: $1.00
Source: Largeprint Publications, 11060 Fruitland Drive, North Hollywood, California 91604

PUZZLE-CROSSWORD SET
Comprises a crossword puzzle board, four containers of letter tiles and 10 puzzles in braille and inkprint.
Price: $10.00, No. GS254
Source: AFB

PUZZLE-CROSSWORD SET TILES
These are numbered 1, 2, 3, and 4. Price shown is per number. Specify which number you want.
Price: $.85, No. GS275
Source: AFB

PUZZLE-HEXED
12 pieces, no two alike, fit into a box 5 1/2" x 9". Over 200 possible solutions.
Price: $1.00, No. GC58
Source: AFB

PUZZLE-HI-Q

Plastic version of old game of puzzle-peg. Plastic pegs fit into holes in board. One of 33 holes left blank at start. Object to remove all pegs except one by jumping as in checkers.
Price: $.80, No. GC60
Source: AFB

PUZZLE-JIGSAW

Made of plywood and are so designed that the subject, being cut from the thicker wood, is raised above the background. The subjects are in color and produced in various sizes and configurations, each having separate catalog numbers.
Price: 30P
Source: RNIB

PUZZLE-KWAZY KWILT

13 curved pieces, no two exactly alike, fitting in scalloped opening in 5 1/2" x 9" box.
Price: $1.00, No. GC59
Source: AFB

GEOGRAPHY AND SOCIAL STUDIES

MAPS AND GLOBES

Detailed descriptions of all maps and globes specifically for the visually handicapped are available.
Price: No. Charge
Source: APH
AFB
HP
RNIB

BRAILLE ATLASES

These Atlases cover all the continents, the United States as a whole, and some special volumes of several of the individual states. In order to make these materials more useful, separate ink-print descriptive keys have been published, which are printed line-for-line and page-for-page with the keys in the Braille editions. Brochure available containing complete description.
Price: Prices and catalog numbers available
Source: APH

BRAILLE MAP GAME

Map game of the United States (16" x 18") formed in yellow plastic with green lettering of the states. Player spins dial and crosses country, calling out names of states as he moves.
Price: $4.00
Source: TOUCH

FLAT FILES

Available in five sizes to accept maps, charts, blueprints and drawings as large as 35 by 45 inches. Made of fiberboard and reinforced with heavy-gauge aluminum frame. Stack without sagging. Double sheets of fiberboard reinforce walls and stress points. Each drawer supports 40 pounds.
Price: Not Available
Source: Fidelity File Box, Inc., Minneapolis, Minnesota

FLOOR PEDESTAL GLOBE

30" in diameter, height of 51"; hollow plastic painted in contrasting blue and yellow. Mounted on metal base which provides for easy revolving on a correctly-angled axis.
Price: $265.00, No. 1-0160
Source: APH

GEO-PHYSICAL GLOBE

12" in diameter, table model, lightweight plastic. Painted in contrasting blue and yellow. Separate wooden stand included.
Price: $19.00, No. 1-0155
Source: APH

PANORAMIC GLOBE

12" in diameter, table model, lightweight plastic. Painted in contrasting blue and yellow. Separate wooden stand included.
Price: $17.50, No. 1-0150
Source: APH

PLAQUE OR GLOBE LABEL KIT

Thin plastic braille strips giving names of major oceans; gummed on back for sticking to globe or plaque.
Price: $.75, No. 1-0125
Source: APH

PLAQUES

Plastic-film reproductions of large floor globe. Maps included are: Africa No. 1-0130, Asia No. 1-0131, Australia No. 1-0132, Europe No. 1-0133, North America No. 1-0134, North Pole No. 1-0135, South America No. 1-0136.
Price: $6.75 each or
47.25 per set of 7
Source: APH

TEXTURED FLAGS FOR THE BLIND

Textured American flag measuring 18" x 33". The stripes are of red velvet and white grosgrain ribbon and the fifty silk embossed stars are sewn to a blue felt union. A number of foreign flags are also available.
Price: $15.00 - American Flag
20.00 - Foreign Flags
Source: Mrs. R. M. Cavanaugh, 322 Linden Avenue, Oak Park, Illinois 60302

HANDWRITING AND TYPEWRITING

CAMWIL BRAILLE ELEMENT FOR SELECTRIC TYPEWRITERS
A typewriter element for use in IBM Selectric typewriters to permit typewritten embossing of Braille symbols without any modification to the typewriter.
Price: $60.00, F.O.B. Honolulu
Source: Camwil, Inc., 835 Keeaumoku Street, Honolulu, Hawaii 96814

EMBOSSED PENCIL-WRITING PAPER
White Braille paper, 8 3/4" x 10 1/4" embossed with heavy guide lines 1/2" apart; 165 sheets per pad.
Price: $1.50 per pad, No. 1-0456
Source: APH

GROOVED FIBER WRITING CARDS
For pencil writing, 8 1/2" x 11".
Price: $.30 or
3.00 per dozen
Source: HP

HARD COPY AND BRAILLE TYPEWRITER SYSTEM
Purpose of this system is to permit a blind person to type on standard heavy duty electric typewriter and generate regular hard copy, and Braille output, simultaneously. The system consists of a Connecticut Technical Corporation Model 700 TU (Transmit Uncoded) typewriter, cable connected to a Model SP-200 typewriter operating board of a standard IBM Braille typewriter.
Price: $1,950 - System Price (IBM Typewriter not included).
Source: Connecticut Technical Corporation, 3000 Main Street, Hartford, Connecticut 06120

LARGE TYPE TYPEWRITERS
Standard Typewriters that print extra large bold type.
Price: Not Available
Source: Available from most Large Manufacturers of Standard Typewriters.

"LETTERS ARE FOR FUN"
Book containing embossed letters of the alphabet and two embossed illustrations under each. Pages are white styrene.
Price: $7.00
Source: TOUCH

MARKS-A-LOT FELT NIB PEN
Suitable for printing because it leaves a bold, black line which dries almost instantly.
Price: $.50, No. WC204
Source: AFB

MILLARD METAL FRAME

A metal frame to assist blind and partially sighted to write long hand. Paper is placed under the top portion and held in place by a clip. Elastic bands serve as guides to the pen or pencil and allow sufficient movement upward and downward. 15 lines to the page.

Price: 45P, No. 9038
Source: RNIB

PORTLAND FRAME

Similar to the Millard frame but of wood construction. Made for use with 10 inch by 8 inch paper only.

Price: 80P, No. 9166
Source: RNIB

SCRIPT GUIDE

Composed of a clip board which takes standard 8 1/2" x 11" paper. Inkprint instructions included, which also clearly describe the shapes of all letters, numbers and punctuation marks.

Price: $6.70, No. WS203
Source: AFB

SCRIPT GUIDES-PLASTIC

Raised lines serve as guide for writing script and prevents writing one line over another.

Price: $.20 - 3" x 5", No. WS286
$.35 - 5" x 8", No. WS287
Source: AFB

SCRIPT LETTER BOARD (SUNK)

Capital and small script letters, 3/4" high, incised 1/32" into rigid black polyvinyl chloride board, 9 1/2" x 11 1/4".

Price: $1.10, No. 1-0406
Source: APH

SCRIPT LETTER SHEETS (RAISED)

Capital and small script letters, 3/4" high, embossed on white braille paper 9 1/2" wide x 11 1/4" long.

Price: $.04, No. 1-0404
Source: APH

SCRIPT WRITING AID

Rubber sheeting can be used as a base when writing long hand. Placed under a sheet of writing paper it is possible to feel a slight impression made by the pencil or ball point pen thus enabling the blind person to detect the position of the last word. Can be used in conjunction with the Portland or Millard writing frame. 9 inch by 7 inch.

Price: 07P, No. 9164
Source: RNIB

SCRIPT WRITING FRAME
Reversible grating top section, 20 lines, size 21 x 29.7 cm.
Price: DM 5,80
DM 6,80- With sliding bars, 15 lines, size 21 x 14.8 cm.
Source: BLINDEN

SIGNATURE GUIDE
Aluminum frame, cut out for writing 3 1/2" wide x 1" high with stretched elastic. Guide-line 5/16" from botton of cut-out.
Price: $1.60, No. 1-0353
Source: APH

SIGNATURE GUIDE
Two rubber blocks support two 4 1/4" lengths of metal rod, 9/16" apart.
Price: $.60, No. WS202
Source: AFB

SIGNATURE GUIDE-ALUMINUM
3 1/2" x 1", suitable for round or square hand.
Price: $.35
Source: HP

SIGNATURE TRAINING BOARD
Constructed of pressed wood deeply engraved in three sizes of students name. Third size is on back of board. Training board includes check signing guide.
Price: $12.00
Source: TOUCH

TYPEWRITER KEYBOARD CHART
Made from plastic material and designed to enable blind persons with knowledge of braille to learn the position of the keys on a standard typewriter keyboard.
Price: 26P, No. 9428
Source: RNIB

TYPEWRITERS
Commercial typewriters (Triumph) adapted for blind typists, portable office typewriter, mechanical, office typewriter, electric.
Price: On Request
Reduction for Blind Persons
Source: BLINDEN

TYPING TABLE FOR THE PARTIALLY SIGHTED

A solid table for typing, the rack is firm enough to hold large print materials and can be adjusted forward and backward as well as up and down. It can also be adjusted nearer the table if the typewriter is removed so it becomes a stand as a person works at the table. Designed by: Mary E. Lovett, Head of Special Education, Kutztown State College, Kutztown, Pennsylvania 19530.
Price: $70.00 plus shipping charges
Source: Mr. Louis Deturk, 120 Normal Avenue, Kutztown, Pennsylvania 19530

VENETIAN WRITING FRAME

A device made of cloth covered strawboard for assisting blind or partially sighted people to write long hand. Each line of writing is guided by turning down a section of the sheet which rests on the note paper. For paper 10 inch by 8 inch only.
Price: 41P, No. 9194
Source: RNIB

HEALTH EDUCATION

BATHROOM SCALE

Airplane dial health-o-meter, with 300 pound capacity, 3 1/2" dial. Reading does not change with shifting of pressure on platform.
Price: $32.50, No. SCM108
Source: AFB

BATHROOM SCALE WITH WAIST HIGH DIAL

Dial marked with raised dots at each 5 pounds and double raised dots at each 10, triple dots at 50 pounds.
Price: $49.95, No. SCM366
Source: AFB

CLINICAL THERMOMETER

Unbreakable stem (inserted rectally or orally), dial type clinical thermometer which acts on the thermocouple principle. Button can be pressed to hold temperature reading indefinitely.
Price: $10.00, No. MEM105
Source: AFB

LANGUAGE ARTS

AUDIO FLASHCARD SYSTEM

Teaches by combined audio/visual and kinesthetic exercises. Students see objects, words, or situations depicted on lesson cards and simultaneously hear the audio reinforcement. They can also record and compare their own responses, large letters, braille and three dimensional materials presented in conjunction with the appropriate audio. Allows the blind or partially sighted student to learn at his own best rate. This system is designed for use with EFI audio notebook system.

Price: Consult Manufacturer

Source: Electronic Futures, Inc., 57 Dodge Avenue, North Haven, Connecticut 06473

AUDIO NOTEBOOK SYSTEM

This machine provides 5 1/2 hours of recorded material on a single, 22 track, reel of magnetic tape. Information is instantly accessible by the simple turning of a dial, this system is designed for use with EFI audio flashcard system or may be used separately.

Price: $255.00

Source: Electronic Futures, Inc., 57 Dodge Avenue, North Haven, Connecticut 06473.

LANGUAGE MASTER

A complete audio-visual system which can be presented at all grade levels, is of significant value in language arts, remedial reading, foreign language, adult literacy, speech therapy, etc. Can be used for group presentation or as an individual instrument allowing the student to progress at his own rate.

Price: $250.00

Source: Bell and Howell Company, 7100 McCormick Road, Chicago, Illinois 60645

LEXICON CARD GAME

Word building game for several players.

Price: 35P, No. 9337

Source: RNIB

OUR DAILY WORDS

A complete tape recorded spelling program consisting of 48 tapes in 5 different kits lettered A-E for grades 2-6. On each tape the words are said, used in a sentence, then repeated. During a 10 second pause the student spells the word on his response sheet.

Price: $299.95, No. DW260

Source: Imperial Productions, Inc., Educational Division, Department K, Kankakee, Illinois 60901

SPELLING FRAME WITH WORDS

Consists of a slotted frame, plus two separate sets of words, one in braille and one in large type, and designed as an aid in teaching spelling, sight recognition of words, and sentence building.

Price: $1.00 - Frame, No. 1-0355
.65 - Braille Words, No. 1-0354
.75 - Large Type Words, No. 1-0358

Source: APH

MATHEMATICS-GENERAL

ABACUS CALCULATION FRAME

Price: DM 11,-
DM 15,50 - Instruction for Use, Braille Booklet.

Source: BLINDEN

ABACUS MADE EASY

Price: $3.15 - Braille Edition, No. 5-0014
3.95 - Large Type Edition, No. 4-0015

Source: APH

AUDIBLE COMPASS

Standard scout compass modified to permit its use in conjunction with a photo-cell and transistor tone generator in such a manner as to provide an aural indication which is useful in establishing a bearing.

Price: $21.95, No. MS339

Source: AFB

BRAILLE CALCULATORS

Manually operated, large desk-model Monroe calculators, second hand, which have been converted to braille without impairing their use for the sighted.

Price: $125.00

Source: SFB

CALCULATING MACHINES

Normal calculating machine adapted for the blind.

Price: On Request

Source: BLINDEN

CRANMER ABACUS

Self-contained, pocket-size calculating device; black polystyrene frame; 13-rod soroban, with 1 bead above and 4 beads below bar. Felt-covered, foam-rubber pad behind beads provides a slight friction to prevent easy upset of calculation.

Price: $1.75, No. 1-0315

Source: APH

CRANMER ABACUS COUPLER

A metal device for fastening or connecting two Cranmer abaci together end-to-end, permitting the simultaneous use of two abaci for more advanced mathematical calculations.
Price: $.50, No. 1-0316
Source: APH

DIAGONALLY DIVIDED FRACTION SQUARES

Wooden squares are divided diagonally into triangular shaped fractional pieces. Placement boards and soft-backed frames are included.
Price: $6.00
Source: TAB

FLEX-A-TAPE

ACS Flex-A-Tape can be used for straight lines, curves, etc., in any number of layers, for raised drawings. It removes easily for realignment, but holds in place well and thermoforms excellently.
Price: Not Available
Source: ACS Tapes, 127 California Street, Newton, Massachusetts 02158

FRACTIONS

Two decks each with 54 cards with different fraction values. Played somewhat like rummy, but object is to make whole numbers. For children 8 to 14.
Price: $1.60, No. GM245
Source: AFB

GLOBE MILEAGE SCALES

Plastic-cord divided into equal units by clamped metal eyelets; each unit equivalent to 1,000 miles.
Price: $2.25 - Scale for 30" Globe, No. 1-0196
1.75 - Scale for 12" Globe, No. 1-0195
Source: APH

IMMA WHIZ

Mathematical Bingo Game. 24 cards with 6 problems in addition and 6 in subtraction and deck of numbered cards in braille and inkprint.
Price: $4.70, No. GM42
4.70 - for multiplication and division, No. GM43
Source: AFB

KINE MLTPLY VIZR

Designed for teaching multiplication tables, squares and cubes through No. 12.
Price: $4.50, No. 1-0331
Source: APH

MAGNETIC WORD AND NUMERAL TILES

Wooden tile backed by a magnet and brailled on top with symbol. To be used with magnetic board. 100 tiles to a set.
Price: $15.00
Source: TAB

MASTER CUBE

A set of 8 polished hardwood cubes. 1 - 1" cube; 3 blocks 1" x 1" x 3"; 3 blocks 3" x 3" x 1"; 1 cube 3" x 3" x 3". Larger cubes are grooved at 1" intervals.
Price: $4.00, No. 1-0336
Source: APH

MEASURING JUG

A heat-proof measuring jug of one pint capacity to a standard commercial pattern, but specially moulded to provide raised markings at the 1/4, 1/2, 3/4 and 1 pint positions. The jug has a 4 1/2 inch diameter top tapering to a small base. Size 4 1/2" in height, weight 1 pound 4 ounces.
Price: 20P, No. 9077
Source: RNIB

MONEY PROJECT

Wooden Boards which show coin money equivalents.
Price: $2.00
Source: TAB

MULTIPLICATION TABLE

An aluminum sheet mounted on thick board and embossed with 144 squares. Along the top and down left side squares are numbered 1 to 12.
Price: 12P, No. 9464
Source: RNIB

NOTATIONS AND TABLES, BRAILLE

Bound in looseleaf thermoform binder also unbound.
Price: $2.00 - Bound
.50 - Unbound
Source: SFB

PLATFORM POSTAL SCALE, HAMILTON

16 oz. capacity. Adjustment screw for off-level surface.
Price: $7.95, No. SCM110
Source: AFB

PROBLEM BOARD

Wooden board with two depressed horizontal sections, each holding three blocks. To be used for matching problems and answers.
Price: $7.00
Source: TAB

RAISED LINE DRAWING KIT

Method whereby blind people may draw or write and feel the lines on the top surface as the lines are made. Includes rubber covered drawing board with hold-down clip, ball-point pen, and a package of polyester film sheets which serve as paper.

Price: $7.10, No. WS194
2.85 - Polyester film sheets, approximately 70, No. WC195
.55 - Ball Point Pen (inkless), No. WC196

Source: AFB

SLIDE RULE

A circular plastic slide rule for multiplication, division and logarithmic computations. It has 2 scales in raised dot form, one linear, the other logarithmic (C scale). Both scales on one side, with numerals in braille. Complete with braille and inkprint instructions.

Price: $3.95, No. MAS 346

Source: AFB

SQUARE FRACTIONS

Wooden squares divided into rectangular pieces. Placement board for holding each piece, and frame into which pieces fit interchangeably. Good tool for learning concepts of fractional relationships.

Price: $22.25

Source: TAB

SUPER-LINE WITH MAGNA-BARS

Super-line is made of lightweight steel, hinged in the middle, 5 ft. long and 5 inches wide. Numerals from 0-20 magna-bars are made of tough plastic and contain magnets. When bars are placed on super-line, confusion between points and intervals is eliminated. Easy for children to understand number order, sets and number relationships.

Price: $9.95 - Super-Line with 20 red and 20 black bars, No. 12
12.95 - Including negative Nos. -10 to Zero, No. 13

Source: Edukaid of Ridgewood, 1250 East Ridgewood Avenue, Ridgewood, New Jersey 07450

USING THE CRANMER ABACUS FOR THE BLIND

Price: $2.55 - Braille Edition, No. 6-5010
2.85 - Large Type Edition, No. 4-2711

Source: APH

MATHEMATICS-COUNTING

BEZIQUE MARKER

A counting board made of aluminum sheet mounted on a strawboard, embossed with braille numerals.

Price: 35P, No. 9334

Source: RNIB

COUNT-A-LADDER

Column mounted on firm base for table or desk-top use. Easily manipulated plastic pegs inserted, withdrawn or moved from side-to-side behind bold numerals.

Price: $4.95 (1-10), No. 1
6.25 (1-20), No. 2
9.85 (1-40), No. 3

Source: Edukaid of Ridgewood, 1250 East Ridgewood Avenue, Ridgewood, New Jersey 07450

COUNT-A-LINE

A sturdy frame to which bold vinyl number scales are attached. Pierced with holes in which red and black plastic pegs are inserted to indicate sets or demonstrate number relationships.

Price: $9.95 for each of the following sets:
No. 4-1S - Whole Numbers Scale Set
No. 4-2S - Fractions Scale Set
No. 4-3S - Equivalent Fractions Scale Set
No. 4-4S - Integers, Decimals, Percentages.

Source: Edukaid of Ridgewood, 1250 East Ridgewood Avenue, Ridgewood, New Jersey 07450

COUNTING BOX

Wooden box divided into 5 bins. Teaches numerical values. Box and 45 sticks.

Price: $4.00

Source: TAB

COUNTING SET

"Number Fence" composed of 2 wooden pieces that can be fitted together end to end. Used for numbers, early hand coordination and left to right progression.

Price: $5.00

Source: TAB

COUNTING SPINDLE BOARD

Five spindles representing digit place from 1 to 99,000. Used much as the counting box, or abacus. 45 square counting pieces in set.

Price: $10.00

Source: TAB

SPINDLE WITH NUMERAL BLOCKS

Cube blocks are brailled with nailheads on one side, numbering one through five, and drilled to fit on a spindle stand. Ten blocks in set.

Price: $5.00

Source: TAB

SPINDLES WITH SHAPES

Shapes fit on two separate spindles. Six different shapes. Can introduce child to mathematical concepts such as addition, and subtraction.

Price: $6.00

Source: TAB

ALUMINUM DIAGRAM MASTERS

Sheets of aluminum foil (10 1/2" x 10 1/2") having a thickness of .0045" for use in raised line drawing. Available in packages of 50 sheets. (Not available on quota).
Price: $5.00 per package, No. 1-0412
Source: APH

ALUMINUM FOIL

Raised line drawings can be made with a blunt stylus on the .003 aluminum foil. A medium soft resilient background is helpful. The foil comes in rolls 12" wide. The roll is 1100" (estimate).
Price: $26.86 - Roll, No. 17817
Source: Whitehead Metals, Inc., Post Office Box 2544, Church Street Station, New York, New York 10088

ANGLE DIVIDER

Enables householder or carpenter to set the angle at which a shelf must be cut to fit into a given corner.
Price: $5.95, No. TC129
Source: AFB

CALIPERS, VERNIER

Inkprint calipers are intended primarily for use with the gauge blocks. Cannot be read by touch, but are a handy comparator.
Price: $2.00, No. TC146
Source: AFB

CIRCULAR FRACTIONS

Wooden pieces cut into pie-shaped fractional pieces, placement boards and frames included.
Price: $22.25
Source: TAB

COMPASS

With tracing wheel to draw circles up to 5 1/2" diameter.
Price: $4.75
Source: HP

DRAFTSMAN COMPASS

High quality, die-cast aluminum compass with ball point pen tip, for use with raised line drawing board. 4" arms. Extra tips for conversion into 8" dividers. Screw adjustment.
Price: $6.95, No. MAS 95
Source: AFB

FORM BOARD

Board holds raised geometric shapes to help students understand geometric forms, the corresponding terminology, and helps develop discrimination and manual dexterity.

Price: $6.00 - Board containing 4 shapes
8.00 - Board containing 6 shapes
10.00 - Board containing 10 shapes

Source: TAB

GEOMETRIC AREA AND VOLUME AID (GAVA)

Set of geometric blocks for finding volume and surface area. The set consists of 30 unpainted, wooden blocks (10 different shapes), 20 connector pegs, and a wooden storage/carrying tray. With these blocks it is possible to construct models of three-dimensional figures relating to surface area and volume which are most often found in elementary mathematics texts.

Price: $37.50, No. 1-0320

Source: APH

GEOMETRICAL COMPASS

Removable spur can be fitted in either of two positions. Embossed outlines appear on the reverse side of the paper.

Price: 1L 75P, No. 9074

Source: RNIB

GEOMETRY OUTFIT

A full set of equipment to enable the blind student of geometry to use the same techniques as his sighted counterpart. The outfit, which is supplied in a briefcase fitted with zip-fastener, consists of 2 plastic rules (one each English and Metric), 2 sets squares, protractor, compasses with spare refills, ball point pen, one each large and small rubber-faced working mats, 12 each large and small plastic/manilla sleeves, and instructions both in braille and letter press.

Price: 5L 10P, No. 9177

Source: RNIB

GRADUATING SHAPES

Puzzle board holds four graduated sizes of a single geometric form. Available in triangle, square, circle and rectangle. Useful in learning size discrimination.

Price: $10.00

Source: TAB

GRAPH AND MATHEMATICAL DEMONSTRATION BOARD

Graph and geometrical figures are formed on plastic sheets by inserting headed pins in the required positions and joining them by means of rubber or spring steel bands. Embossed plastic sheets are available separately.

Price: 1L 85P - Board, No. 9391
45P per dozen - Plastic Sheets, No. 9391A

Source: RNIB

GRAPHIC AID FOR MATHEMATICS
For the construction of mathematical figures and graphs. Board 18" x 19" x 1", accompanied by a set of 3 flat spring wires, 14 plastic-headed push-pins and a supply of rubber bands.
Price: $14.00, No. 1-0046
Source: APH

MITCHELL WIRE FORMS WITH MATCHED PLANES AND VOLUMES
Set of 15 solids, 11 planes, and 24 wire frames designed to illustrate the volumes, planes and outline forms commonly found in geometric problems, with corresponding figures in all three forms.
Price: $45.00 plus postage, No. 1-0340
Source: APH

PROTRACTOR
Semi-circular, showing every 5 degrees.
Price: $1.85
Source: HP

PROTRACTOR
Semi-circular: 3" radius and a 6 1/2" pointer. Raised braille dots; single at 5 degrees; double at 10 degrees; triple at 45, 90 and 135 degrees.
Price: $.80, No. MAM97
Source: AFB

SPINDLE BOARD WITH GEOMETRIC SHAPES
Large brightly enameled shapes to fit pegs on board. Three of each 11 different shapes in set, 33 total.
Price: $12.00
Source: TAB

TRACING WHEEL
Price: $2.75
Source: HP

MATHEMATICS-LINEAR MEASUREMENT

FOLDING ALUMINUM RULER
12 inch, hinged at 6 inch mark.
Price: $1.85
Source: HP

FOOT RULE, PLASTIC (WITH METRIC MARKINGS)
This rule has six small rubber discs on the underside to make it non-slip. The markings are by means of raised lines. One edge is divided into inches and tenths. The other edge is divided into centimeters, with each tenth centimeter indicated by a small raised dot.
Price: 26P, No. 9177C
Source: RNIB

FOOT RULER
12 inch, metal, with quarter inch markings.
Price: $1.50
Source: HP

FOOT RULER
24 inch, metal, with quarter inch markings.
Price: $2.40
Source: HP

FOOT RULER
Black plastic, raised lines show 1/8", 1/4", 1/2" and 1" measurements; with metal caliper guide to set measurements for easy reading.
Price: $1.20 - Ruler with Caliper Guide, No. 1-0307
.30 - Caliper Guide, No. 1-0306
Source: APH

FOOT RULER (YARDSTICK)
36 inch, metal, with quarter inch markings.
Price: $3.25
Source: HP

GLUE-DOWN RULE
Brass strip, raised lines show 1/8", 1/4", 1/2", and 1" measurements, can be glued down to almost any surface by use of epoxy plastic glue.
Price: $.40, No. 1-0308
Source: APH

MEASURING DEVICE
Develops linear measurement concepts. Two wooden frames, each holding a braille ruler with space beneath to fit pieces of wood.
Price: $10.00
Source: TAB

METRIC/ENGLISH RULER
The ruler is molded of black polystyrene plastic, and is 1 1/2" wide by approximately 1 foot in length. This particular model shows both centimeters and inches. Embossed lines, approximately .025" in height, show 1/2 and 1-centimeter and 1/4 and 1-inch measurements. Braille identifications are given for each two centimeters and for each inch.
Price: $1.35, No. 1-0310
Source: APH

RULES, FOLDING METAL
Constructed of light metal, 1 m long with centimeter markings.
Price: DM 6,-
DM 8,- - Constructed of light metal, 2 m long with centimeter markings
Source: BLINDEN

STEEL TAPE (LUFKIN)
25 foot tape is pulled from the housing and wound back into the case. Raised dots mark designated inches and feet.
Price: $5.55, No. TM167
Source: AFB

TAPE MEASURE
A 60" linen tape measure marked with metal eyelets.
Price: 36P, No. 9085
Source: RNIB

MATHEMATICS-SLATES

ALBEBRA TYPE, BRITISH TAYLOR
For use with MAS91 and MAS92. Provides 16 additional symbols.
Price: $2.20 (1 pound packages), No. MAS94
Source: AFB

APH CUBARITHM ARITHMETIC SLATE WITH TYPE
Employing braille cubes, can also be used with 24-point copperplate gothic type, and as a pegboard with plastic pegs. Braille type cubes: minimum type for each frame, 150 cubes, hard yellow vinyl plastic. 24-point copperplate gothic type: minimum type for each frame, 15 sets each. Arabic numerals from 1 to 9 and 0- 150 type, hard yellow vinyl plastic.
Price: $2.25 - Frame, No. 1-0038
2.50 - Cubes, No. 1-0039
2.50 - Gothic Type, No. 1-0040
2.00 - Kindergarten Pegs, No. 1-0041
Source: APH

ARITHMETIC SLATE, SCHLEUBNER
Price: DM 73,50
DM -,80 - Style
DM 10,50 - Roller for effacing the protruding characters
Source: BLINDEN

ARITHMETIC TYPE, BRITISH TAYLOR
For use with MAS91 and MAS92.
Price: $2.20 (1 pound packages), No. MAS93
Source: AFB

BRANNAN CUBARITHM ARITHMETIC SLATE WITH CUBES
Rigid phenolic type frame, employing braille cubes 16 cells, black color. Brannan braille type cubes: minimum set of cubes for each frame. 100 cubes, hard black phenolic plastic.
Price: $1.65 - Frame, No. 1-0032
2.25 - Cubes, No. 1-0033
Source: APH

CUBARITHM SLATE, FRENCH

Used for arithmetic, with standard braille characters. Has slate and 100 cubes.

Price: $5.95, No. MAS99
4.15 - Cubes, No. MAS100

Source: AFB

SLATE, BRITISH TAYLOR

Small: 8" by 12" with 18 by 24 openings. Large: 12" x 14 1/2" with 24 by 36 openings. Both have plastic tray for spare type and include 1 pound of arithmetic type.

Price: $3.70 - Small, No. MAS92
4.55 - Large, No. MAS91

Source: AFB

SLATE, GRAPH MARKING

1/2" by 10", 24-cells for upright braille. For use with raised line drawing board.

Price: $4.25, No. MAS96

Source: AFB

TAYLOR ARITHMETIC TYPE SLATE WITH TYPE

Aluminum 24-cells - six-sided Taylor arithmetic type: minimum type for each frame, 225 pieces.

Price: $6.00 - Frame, No. 1-0060
3.00 - Hard Yellow Vinyl Plastic Type, No. 1-0061
4.00 - Lead Metal Type, No. 1-0062

Source: APH

TEXAS ARITHMETIC TYPE SLATE WITH TYPE

Natural colored wood, 30-cells. Philadelphia great primer type: minimum type for each frame, 15 sets each arabic numerals from 1 to 9 and 0 to 150 type, lead type.

Price: $8.50 - Slate, No. 1-0056
5.00 - Type, No. 1-0057
1.00 - Wooden Pegs, No. 1-0327

Source: APH

MATHEMATICS-TIME

AFB BRAILLE WATCHES

Complete line of wrist and pocket watches styled with modern dials in both braille and inkprint. Stop watches can be made available on special order. Contact supplier for details.

Price: From $11.55 to $122.95

Source: AFB

ALARM CLOCK
Standard alarm clock adapted for use by the blind. Has single dot markings at each hour, double dot markings at 3, 6, and 9 and triple dot markings at 12. Dial is light gray in color.
Price: DM 16,80
Source: BLINDEN

BRAILLE WATCHES
Assorted sizes and styles.
Price: Contact Supplier
Source: Zale Corporation, 512 Akard, Dallas, Texas 75202

CALENDAR FOR PERPETUAL USE
Supplied with plastic cards, seven for dates, embossed with braille numerals 1 to 31, and six embossed at the upper and lower edge each with two month names. For the purpose of recording appointments, etc., self-adhesive labels are provided which can be brailled with two characters according to the user's coded abbreviations.
Price: 3L 34P, No. 9455
30P - 100 additional labels, No. 9455A
Source: RNIB

CALENDARS, POCKET BRAILLE
Plastic, measures 3 1/2" x 2 1/4". Number for each month, 2 columns.
Price: Free - Send Self-Addressed Envelope
Source: AFB

CLOCK
Wooden face with movable minute and hour hands. 10" in diameter. Also, 14" face for wall hanging.
Price: $6.00
Source: TAB

CLOCK, ALARM
Standard alarm clock adapted for use of the blind. Two raised dots at 3, 6, 9 and 12 positions single dots at remaining hours. Weight 11 ounces.
Price: 91P, No. 9444
Source: RNIB

CLOCKFACE
Has raised ink-print and braille numbers, this clockface is an educational appliance designed for teaching blind children to learn to read time. It consists of a molded plastic frame (7" in diameter and 1 1/4" thick) and face, with movable plastic hands geared in the regular manner, but without a motor or other driving mechanism.
Price: $4.50, No. 1-0309
Source: APH

CLOCKFACE SHEETS, BRAILLE

Blank, circular clockface, containing numbers of hours in braille but no hands; embossed 4 to page on 11" x 11 1/2" transcribing paper.

Price: $.15 package of 5 or
3.00 for 100, No. 1-0311

Source: APH

CLOCKS, ALARM

Various models of standard Westclox, Cyma and Relide alarm clocks adapted for use of the blind. Including electric and travel alarms.

Price: From $8.95 to $23.10

Source: AFB

EMBOSSED CLOCK DIAL

An instructional device for teaching children how to tell the time.

Price: 21P, No. 9073

Source: RNIB

G. E. CLOCK TIMER (NEW)

Electric clock with outlet on back which can be used to plug in appliances to turn them on or off at special times. Operated on 110-115 volts A.C. only and has a capacity of 840 watts. Can be used with Vibrator attachment as an alarm clock for deaf-blind persons. Four phase control: "Alarm", "off", "on", and "Timer". Also has separate "Sleep" Switch, which allows radio or appliance to be automatically turned off after 15, 30, 45, or 60 minutes. Double raised dots at 12, 3, 6, and 9 and one dot at other hours.

Price: $10.95, No. CM 245

Source: AFB

G. E. INTERVAL TIMER (NEW)

Spring wound and can be set anywhere up to 120 minutes. Long hand registers intervals of 10 minutes or less and has 3 raised dots at 0 and one dot at each one minute interval. For intervals over 10 minutes, the short hand is used. The dial has a separate set of raised dots for the short hand, with two dots at 30, 60, 90 and 120; and one dot at each remaining 10 minute interval. Case is gray plastic, dial is black with white numerals.

Price: $15.50, No. CM 37

Source: AFB

LEJOUR BRAILLE WATCH

A precision, 17 jewel, shock protected movement in a rugged case. Has "pop-open" crystal which exposes the braille face. Closes by simply pressing down. Hands constructed of hardened steel will not move or bend when touched. Comes in both ladies' and men's models, with adjustable Speidel twist-o-flex expansion bands. Every watch unconditionally guaranteed under normal use for three years.

Price: $13.95

Source: Continental Time Company, 36 West 46th Street, New York, New York 10036

MARKTIME TIMERS

Multiple models mechanically operated. Raised dots at each specified minute interval.

Price: $9.35 - Switch Models: 30 minute, No. CM32
9.35 - Switch Models: 60 minute, No. CM33
6.05 - Bell Ringing Models: 30 minute, No. CM29
6.05 - Bell Ringing Models: 60 minute, No. CM30
6.05 - Bell Ringing Models: 60 second, No. CM31

Source: AFB

POCKET WATCH

15 jewel lever movement, white metal case with spring cover, chromium plated.

Price: DM 72,-

Source: BLINDEN

RADIO TIMER "AURA"

With raised markings, metal case, winding up by hand.

Price: DM 58,50

Source: BLINDEN

SMITHS 12 LIGNE BRAILLE WATCH

Has the appearance of an ordinary wrist watch, the front cover is fitted with a transparent center with only the printed dial showing when cover is closed. 15 Jewel English movements, 1 5/6 inches in diameter overall.

Price: 5L 60P, No. 9370

Source: RNIB

STOP CLOCK

Has regular stop watch action, and times periods from 1 second to 60 minutes. It has a sweep second hand with a "time out" feature. The dial is white, with three raised dots at 60; two raised dots at each 5 second interval, and one dot at each one second interval. Winding key on back of clock; and has start, stop, and reset buttons on top. Size approximately 4 3/4" wide and 5 1/2" high.

Price: $39.95, No. CM 367

Source: AFB

STOP WATCH

This special AFB Stopwatch has a sweep second hand with a "time-out" feature. The dial is white duco with raised dots at each one second interval. The inkprint markings are at each 1/5 second.

Price: $39.95, No. CM368

Source: AFB

TIME-ALL TIMER (INTERMATIC)

24 hour timer which turns an appliance on and off once a day. Housed in gray plastic case measuring 4 1/2" x 2 3/4". Weight: 1 1/2 pounds.

Price: $10.95, No. CM234

Source: AFB

TRAVEL ALARM CLOCK

In a leather case with single dot markings at each hour, double dot markings at 3, 6, and 9 with triple dot markings at 12.
Price: DM 31,50
Source: BLINDEN

WRIST WATCHES

Men's 15 jewel Swiss lever movement, chrome-case, plexi-glass spring-cover, 30 mm dial diameter.
Price: DM 60,-
DM 65,- with gold plated case
Lady's 15 jewel Swiss lever movement, chrome-case, plexi-glass spring-cover, 20 mm dial.
Price: DM 60,-
DM 65,- with gold plated case
Source: BLINDEN

MOBILITY AIDS

BEACON

An Electronic Circuit, contained in a small box, which emits a tone lasting about one second and repeating every 15 seconds. The volume of the tone is adjustable. The Beacon is used in any situation where a blind person finds it difficult to locate a destination.
Price: $20.00
Source: SFB

CANES

A variety of canes are available: wooden, metal, plastic, folding.
Price: Various
Source: AFB
RNIB
Hi-Fi Cane Company, 2426 Rodman Street, Hollywood, Florida 33020
Pennsylvania Association for the Blind, Bedford, Pennsylvania 15522
Typhlo-Cybernetics Company, 714 Market Place, Madison, Wisconsin 53703

GUIDE STICKS FOR MEN AND WOMEN (FOLDING)

Price: DM 7,10
DM 1,30 - Plastic Bag
Source: BLINDEN

MAG-STIX KIT

Assorted magnetic rubber strips and steel work board with painted 1" grid squares. Simplified teaching and learning of diagrams and mobility situations. Basic kit consists of: 12 pieces Mag-Stix, 1/4" x 12" x 1/16" thick, 2 pieces Mag-Stix, 1" x 12" x 1/16" thick, 12 feet of 3/32" diameter Mag-Cord, 1 piece of yellow Mag-Sheet, 7" x 11", 1 Steel work board with painted 1" Grid squares, 18" x 24". Also available are magnetic numbers and letters (upper and lower case). Additional quantities of magnetic rubber are available. Please contact HP.

Price: $15.20

Source: HP

SINSI-QUIK CANES

Made of flexible fiberglass, tipped with diamond-hard tungsten carbide, this cane gives the traveler a sharp signal and alerts other pedestrians to his approach. The fiberglass model comes with either crook or contour handle and either carbide or replacement steel tip. The bamboo model, still available to those who prefer it, comes with polished wood crook handle and carbide tip. Canes are made on individual order in any length from 34 to 60 inches. Canes are not sold, but are supplied to anyone who joins the Go-Sees and pays a membership fee. They are also available through agencies to individual trainees at a reduced rate.

Price: $5.00 - for membership fee - Go-Sees
4.00 - reduced rate to individual trainees.

Source: Mr. Frank S. Clark, The Go-Sees, 166 East 92nd Street, New York, New York 10028

SOUND BEACON

This pocket-sized electronic device emits a sound which can be varied from a loud continuous whistle down to low intermitten bleeps at various pulse repetition rates. It has a potentially great number of uses, but in general is intended as a homing device. The flat plastic case is fitted with a detachable leather carrying strap. The Sound Beacon is supplied complete with battery, and instructions in braille and letterpress. Size: 4 1/2" x 3" x 1 1/8". Weight: 7 1/2 ounces.

Price: 3L 50P, No. 9425

Source: RNIB

ULTRA-SONIC TRAVEL AID FOR THE BLIND

Battery operated transmitter and receiver of ultra-sonic sounds. Sounds are converted in receiver to enable user to differentiate various objects, and to determine their distance from him and whether stationary or mobile.

Price: $225.00

Source: Ultra Electronics, Ltd., Western Avenue, London W.3, England

WALKING STICKS

White Walking Sticks for Men:
Price: DM 4,- - Fitted with a steel end
DM 4,25 - Fitted with a rubber end
White Walking Sticks for Women:
Price: DM 3,70 - Fitted with a steel end
DM 3,95 - Fitted with a rubber end
Source: BLINDEN

MUSIC

BEETZ NOTATION-GRAPH

Cloth-covered cork board, 19 1/2" x 14 1/2", showing model of ink-print grand staff with 129 movable characters. Carrying case provided.
Price: $85.00, No. 1-0305
Source: APH

HOARE MAGNETIC MUSIC NOTATOR

For blind music teachers to instruct sighted and partially sighted pupils. Available in two models, one for classroom use and the other for the studio.
Price: 90L 00P - Classroom Model, No. 9314
55L 20P - Studio Model, No. 9313
Source: RNIB

METRONOME ATTACHMENT

A metal gauge for regulating the action of a metronome made to special order only. Customers metronome must be sent to the institute for fitting purposes.
Price: 60P, No. 9385
Source: RNIB

METRONOME, FRANZ ELECTRIC

5" x 4" x 3 1/2" deep.
Price: $16.95, No. MUM107
Source: AFB

MUSIC RACK FOR PARTIALLY VISIONED

Designed to fit standard upright piano, adjustable as to height, forward, back and tilt position. Ink-print music can be placed at the correct eye level and focal vision point of the user.
Price: $7.50, No. 1-0344
Source: APH

OPTICAL AIDS AND INSTRUMENTS

EZY-REDE MAGNIFIERS

Reading aid for the partially sighted and those with sub-normal vision. Several lines magnified at once. Has light attached; plugs into electrical outlet. Rests on page, eliminates tiresome hand-holding. A variety of magnifiers are available. Catalog available upon request.

Price: Not Available

Source: Apex Specialities Company, 1119 Douglas Avenue, Providence, Rhode Island 02904

EZY-REDE READING AID

Magnifiers for partially sighted, comes in various sizes 4" to 12".

Price: From $1.00 to $21.00

Source: Apex Specialities Company, 1119 Douglas Avenue, Providence, Rhode Island 02904

LH MINI-SCOPE

An inexpensive Afocal 2.5X telescopic unit, to be used as an aid for distance and near vision of partially sighted persons. Comes in two models for use with or without distance correction.

Price: $25.00

Source: The Lighthouse Low Vision Services, New York Association for the Blind, 111 East 59th Street, New York, New York 10022.

MAGNIFIERS

Optical aids such as: stand magnifiers, tripod magnifiers, watch-makers' loupe, pocket magnifiers, lighted magnifiers, round as well as rectangular readers.

Price: $1.00 to $8.75

Source: Elgin School Supply Company, Inc., 325 Ninth Street, San Francisco, California 94103

MAGNIFYING BOX

Wooden box with magnifying lens inserted into the lid, near the top. Bookholder slides back and forth on a track allowing for proper focus of the lens on the book and folds down into the box for storage.

Price: $25.00

Source: TAB

RANDSIGHT

A closed-circuit television machine that will enlarge objects to almost any size. The user sits at a table or desk with the screen at eye level. He puts a book, letter or note pad underneath a small television camera aimed downward and then checks the image on the monitor. With fingertip controls, he zooms the camera up or down to bring the print into focus and get whatever magnification he requires.

Price: Not Available

Source: Mr. Samuel Genesky, The Rand Corporation, 1700 Main Street, Santa Monica, California 90406
Mr. Robert M. Beltz, State Department of Rehabilitation, 923 Twelfth Street, Sacramento, California 95814
Apollo Laser, Inc., 6365 Arizona Circle, Los Angeles, California 90045

STEREORAMA WORK VIEWER

This magnifier is 11 1/2" wide and 9 1/2" high. The lens provides 48 square inches of viewing area and overhangs its supports, so you can work with objects up to 11 inches wide. Knobs tilt the lens and switch it over for individual or group viewing. The lens has a flat surface for individual viewing and a convex surface for small groups.

Price: Not Available

Source: Ednalite Research Corporation, Peekskill, New York

PAPER AND BINDERS

ACCORDIAN-FOLDER NOTEPAPER

White braille paper (18" x 6") perforated and folded accordian-fashion into 6" x 2" pad; for use with postcard slate.

Price: $1.85 per package - 100 sheets, No. 1-0458

Source: APH

BINDER, PLASTIC SPLIT-RING

With four-snap-ring system for punched sheets 27 x 34 cm.

Price: DM 5,60
DM -,55 - Folder for sheets 27 x 34 cm

Source: BLINDEN

BINDER, SPRING CLIP

Strong strawboard covered with cloth, fitted with spring clip internally along length of cover. To fit large and small manila paper.

Price: 39P - Large size, No. 9100
35P - Small size, No. 9102

Source: RNIB

BOLD-LINE WRITING PAPER

For learning manuscript and/or cursive writing: white, 50 pounds, standard finish paper, 8 1/2" x 11", printed with black ink, in sets of 4 lines 1/2" apart.

Price: $.60 per pound, No. 1-0472

Source: APH

BOLD-LINE WRITING PAPER

For elementary students: India-colored paper, 9" x 12", printed with heavy green lines 3/4" apart.

Price: $.50 per pound, 9" lines, No. 1-0450
.50 per pound, 12" lines, No. 1-0452

Source: APH

BOLD-LINE WRITING PAPER

For older students and adults: White, 50 pounds, standard finish paper, 8 1/2" x 11", printed with black lines.

Price: $.60 per pound, lines 7/16" apart, No. 1-0470
.60 per pound, lines 9/16" apart, No. 1-0471

Source: APH

BOOK COVER (BRAILLE)

Cloth covered board to provide support and protection for paper covered volumes. For large size embossed volumes only.

Price: 35P, No. 9369

Source: RNIB

BRAILLE NOTEBOOKS

To fit standard braille paper size, 3 rings of 1 1/2" diameter; heavy imitation-leather-covered board covers.

Price: $2.25, No. 1-0430 - 8" x 12"
No. 1-0432 - 9" x 12"
No. 1-0434 - 10" x 12"
No. 1-0436 - 11" x 11"
No. 1-0438 - 11 1/2" x 11"

Source: APH

BRAILLE PAPER

Size 27 x 34 cm

Price: DM 2,60 - Prime quality, both sides polished, kg.
DM 2,- - Second quality, one side polished, kg.
DM 3,- - Prime quality, size 21 x 29.7 cm, kg.
DM 3,- - Prime quality, size 27 x 34 cm. punched with holes for use with binders, kg.

Source: BLINDEN

BRAILLE PAPER-MANILA

Heavyweight paper. Ream is 500 sheets, minimum order one pound.

Price: $.50 - per pound
1.70 - half ream of 8" x 10 1/2"
3.00 - ream
2.00 - half ream of 9" x 11"
3.50 - ream
2.30 - half ream of 11" x 11 1/2"
4.30 - ream

Source: HP

BRAILLE PAPER-MANILA

Lightweight paper. Ream is 500 sheets, minimum order one pound.

Price: $.50 - per pound
1.20 - half ream of 8" x 10 1/2"
2.00 - ream
1.30 - half ream of 9" x 11"
2.35 - ream
2.75 - ream of 11" x 11 1/2"

Source: HP

BRAILLE PAPER-MANILA

Rolls-Perkins Braille shorthand writer--roll is 15/16" wide, 1/2" core and the Matrix Shorthand Writer (English) Roll is 15/16" wide, 1 1/2" core.

Price: $.30 per roll

Source: HP
RNIB

BRAILLE PAPER-MANILA

Pads in three different sizes.

Price: $.30 per pad 1 7/8" x 8" for use with No. 1 and No. 11 pocket slates.
.30 per pad 2 3/4" x 6" for use with No. 2 and No. 2 E-Z read slates.
.30 per pad 2 3/4" x 8 1/2" for use with ACM slates.

Source: HP

BRAILLE PAPER-MANILA

Available in various sizes and prices, in two qualities heavyweight and lightweight. Notebooks and notepads for Tylor Postcard Frame only are available in both lightweight and heavyweight.

Price: Not Available

Source: RNIB

BRAILLE SLATE AND WRITER PAPER

Standard weight, brown magazine paper, packaged in units of 4 pounds. Although can be supplied in any multiple of 4 pounds; 45-55 sheets comprise 1 pound, depending on paper size.

Price: $1.00 per package, No. 1-0415 - 8 1/2" x 11"
No. 1-0417 - 8" x 12"
No. 1-0419 - 9" x 12"
No. 1-0421 - 10" x 12"
No. 1-0423 - 11" x 11"

Source: APH

BRAILLE TRANSCRIBING PAPER

100-lb. weight, manila-colored tag; packaged in ream lots of 500 sheets, although can be supplied in any multiple of 500 sheets.

Price: $3.00 per ream of 8 1/2" x 11", No. 1-0453
11 1/2" x 11", No. 1-0454

Source: APH

BRAILLE TRANSCRIBING PAPER

Punched with three holes at left-hand edge to fit notebook covers. 100 lb. weight, manila-colored tag; packaged in ream lots of 500 sheets, although can be supplied in any multiple of 500 sheets.

Price: $3.25 per ream of 8 1/2" x 11", No. 1-0466
11 1/2" x 11", No. 1-0468

Source: APH

BROWN MAGAZINE PAPER

Punched with three holes at left-hand edge to fit notebook covers. Standard weight packed in units of 3 pounds. Although can be supplied in any multiple of 3 pounds. 45-55 sheets comprise one pound, depending on paper size.

Price: $1.00 per package, No. 1-0440 - 8 1/2" x 11"
No. 1-0442 - 8" x 12"
No. 1-0444 - 9" x 12"
No. 1-0446 - 10" x 12"
No. 1-0448 - 11" x 11"

Source: APH

GRAPH SHEETS (BOLD-LINE)

Designed for the use of the partially sighted, all lines on these graph sheets have a width of .030". Ranging in size from 8 1/2" x 11" to 17" x 11". Squares ranging in size from 1/4" to 1 1/4". Brochure available.

Price: Furnished upon request.

Source: APH

GRAPH SHEETS (EMBOSSED)

Coordinate lines embossed with a small dot on manila 100 pounds. Springhill tag paper, coordinate axes and unit values unmarked. Packages of 50 sheets.

Price: $1.00 per package, No. 5-4917 - 8 1/2" x 11" over-all size with 1/2" line-spacing
No. 5-4918 - 8 1/2" x 11" over-all size with 3/4" line-spacing
No. 5-4919 - 8 1/2" x 11" over-all size with 1" line-spacing
No. 5-4921 - 11" x 11 1/2" over-all size with 1/2" line-spacing
No. 5-4922 - 11" x 11 1/2" over-all size with 3/4" line-spacing
No. 5-4923 - 11" x 11 1/2" over-all size with 1" line-spacing

Source: APH

KREB'S BINDER

Semi-permanent binding covers to fit standard braille transcribing paper or brailon plastic sheets; 19 metal rings per binding element similar to usual plastic-ring bindings; heavy imitation leather-covered board covers.

Price: $2.00 - 2-ring narrow binder, No. 1-0425
2.00 - 2-ring wide binder, No. 1-0426
.25 - per dozen 2-ring extra locking pieces, No. 1-0429
2.10 - 1-ring binder, No. 1-0424
.25 - per dozen 1-ring extra locking pieces, No. 1-0427

Source: APH

KREB'S BINDER, FILLERS FOR

Fillers of braille paper, punched to fit the Kreb's binders.

Price: $3.50 per ream of 500 sheets brown braille paper, No. 1-0464
4.25 per ream of 500 sheets braille transcribing paper No. 1-0465

Source: APH

LOOSELEAF NOTEBOOKS

Leather covers fitted with split rings to hold paper, perforated with 3 holes along shorter side. Each notebook supplied with 25 pieces of manila paper and additional refills are available.

Price: 71P - pocket size, No. 9103
1L 05P - For use with Tylor Postcard Frame, No. 9104
1L 05P - For use with Tylor-Tatlow Pocket Frame, No. 9105

Source: RNIB

POCKET-SIZE BRAILLE NOTEBOOK AND FILLER

6 1/2" x 4 1/2" x 7/8"; 6 rings of 1/2" diameter; heavy imitation leather-covered board cover, with pocket for 19-cell post card slate on inside front cover.

Price: $1.15, No. 1-0428
.30 - For 50 sheets punched fillers, No. 1-0439

Source: APH

SHEETS OF PRESSPAN

With raised guide-lines.

Price: DM -,50 - Size 21 x 29.7 cm
DM -,30 - Size 21 x 14.8 cm

Source: BLINDEN

SHORTHAND PAPER TAPES

13 mm broad, for use with Marburg Shorthand Brailler, in package of 20 rolls.

Price: DM -,30 per roll

24 mm broad, for use with Picht Shorthand Brailler, in package of 10 rolls.

Price: DM -,75 per roll

Source: BLINDEN

PERSONAL AIDS

ALUMINUM CLOTHING TAGS

Set of 2 each of 10 basic colors, indicated in braille, such as gray, pink, black, white, blue, red, etc. Tags have a hole at each end permitting them to be sewn on. Correct position indicated by small projection at top. Sent free of charge to individual blind persons on request as long as available. (Furnished through generosity of Telephone Pioneers of America.)

Price: Free
Source: AFB

BRAILLE MAILING TUBES

Made of heavy cardboard, these tubes are designed to provide an almost crush-proof covering for braille sheets which must be sent through the mails. The tubes are 11 3/4" in length, with an inside diameter of 1". Self-adhering address labels (3 1/8" x 4 1/4" in size) are provided for use with the tubes.

Price: $2.25 (40 tubes and 40 labels), No. 1-0410
.85 - 100 mailing labels, No. 1-0411
Source: APH

CHECK STENCIL

A template for filling in necessary information on checks. Black checks must be submitted, since these are made individually to order.

Price: $2.00, No. MS231
Source: AFB

FRICTION PADS KIT

Consists of 18 pieces, in three assorted sizes, of self-adhesive plastic - foam strips designed for easy application to the backs or devices to prevent their slipping around on desk tops. In addition to holding the devices in place the friction pads reduce noise and prevent marring of desk tops.

Price: $1.25, No. 1-0319
Source: APH

GREETING CARDS

Christmas and other greeting cards in combination braille and ink-print.

Price: Not Available
Source: Mr. Harry A. Fribush, 27 Colonial Avenue, Albany, New York 12203.

LABELON TAPE

A pressure sensitive adhesive tape which can be brailled on a regular braille slate. Simply stick lightly to the top flap of the slate and proceed to braille. Release by pushing up a corner with the stylus and remove. Very convenient for general labeling purposes.

Price: $.80, No. MC216 - 3/4" x 80"
3.85, No. MC217 - 1" x 400"
Source: AFB

MR. BARTENDER POURER

A pouring device which fits bottle and measures 1 fluid ounce.
Price: $3.25, No. KC246
Source: AFB

PLASTI-STICK LABELS

These offer a means of permanently attaching braille labels to records, herb jars, etc. The material is translucent when applied so that print can be read through it. Clear vinylite sheeting is laminated with a pressure sensitive adhesive which in turn has a thin plastic protective coating. Comes in sheets about 9 1/2" x 13 1/2", enough for about 256 1/2" of braille.
Price: $1.00, No. MC211
Source: AFB

PLASTIC FILE CARDS

These vinylite file cards are similar in appearance to ordinary cardboard, taking ink, pencil, or typing as well as braille. Since the cards are .010" thick the braille is virtually indestructible, although they can be brailled with either slate or machine.
Price: $.90, No. MC212 - 3" x 5", package of 25
1.40, No. MC213 - 4" x 6", package of 25
Separators 1/2" wider are available. These should be brailled at the bottom and placed in the file with the braille towards the back.
Price: $.50, No. MC214 - 3 1/2" x 5", package of 10
.75, No. MC215 - 4 1/2" x 6", package of 10
Source: AFB

RAISED-LINE CHECK BOOK

Plastic cover; wire binding for easy detachment of checks; printed in raised lines on regular check book paper; interleaved with plain white braille paper to provide space for record-keeping. 25 checks per book. Magnetic bank coding numbers will be printed on the checks provided a black check from your bank, showing the correct coding numbers, is sent with the order.
Price: $1.15, No. 1-0350
Source: APH

PHYSICAL EDUCATION

AUDIBLE BALL

Made of good quality rubber in which holes have been punched. Contains a metal bell. 4 1/2" in diameter.
Price: 1L 60P, No. 9200
Source: RNIB

AUDIBLE BALL (ELECTRONIC)
Made of good quality rubber, approximately 5 inches in diameter. A rechargeable electronic device, which produces a beeping sound, is encased inside enabling the ball to be located audibly even when the ball is not in motion.
Price: 6L 45P, No. 9201
Source: RNIB

AUDIBLE BALL (VOIT)
Vinyl cover, bright yellow with stippled finish for positive grip. Large bell with loud, clear ring. Replaceable all rubber valve. (Note: Bounce is not true because of bell.)
Price: $6.95, No. GS329
Source: AFB

AUDIBLE GOAL-LOCATER
Electric noisemaker, housed in plywood box painted with weather-resistant varnish, 7 3/4" x 8 3/4" x 8 3/4", emits clicking sound at rate of 150 pulses per minute.
Price: $22.50, No. 1-0303
Source: APH

AUDIBLE GOAL-LOCATER (PORTABLE MODEL)
Consists of an outdoor (trumpet) speaker mounted on an aluminum box encasing a battery-operated oscillator. Has a frequency range between 600 and 1200 CPS, and a pulse-rate with three rate selections, 150, 210, and 300 per minute.
Price: $45.50, No. 1-0304
Source: APH

BOWLING RAIL NO. 9
Aluminum portable 9' long and 36" high. Carrying bag included.
Price: $19.75, No. GS44
Source: AFB

BOWLING RAIL NO. 9, EXTENSION FOR
Extends rail No. GS44 to 12'.
Price: $1.50, No. GS45
Source: AFB

BOWLING RAIL NO. 12 DELUXE
Aluminum portable 12' long and 36" high. Carrying bag included.
Price: $25.50, No. GS240
Source: AFB

BOWLING RAIL NO. 12, EXTENSION FOR
Extends rail No. GS240 to 15'.
Price: $2.35, No. GS255
Source: AFB

RUBBER LEG ASSEMBLY WITH NUTS AND BOLTS
For Bowling Rails No. 9 and No. 12.
Price: $.35, No. GS271
Source: AFB

RUBBER REPLACEMENT TIPS
For Bowling Rails No. 9 and 12.
Price: $.05, No. GS272
Source: AFB

STALEY SPORTS FIELD KIT
Designed to familiarize visually handicapped children or adult sport enthusiasts with the six most popular American team games. (Baseball, Basketball, Bowling, Football, Tennis and Volleyball). The kit consists of six metal-and-plastic sheets or boards, 14" x 14" in size, with an embossed drawing (with braille explanations) of a playing field or court on one side, and a black line-drawing (with large type explanations) of a different field or court on the other side, plus a large supply of variously shaped small magnets in different colors for representing players, referees, balls, spectators, etc.
Price: $17.00, No. 1-0357
Source: APH

PRACTICAL ARTS-COOKING

BREAD CUTTING BOX
Device to help a blind person cut a loaf of bread into even slices.
Price: 77P, No. 9442
Source: RNIB

CAKE CUTTER (KUT-N-SERVE)
V-shaped, 2-handled knife blade is set over round cake and pressed down. Slice may be adjusted to any size. By pressing the handles together, cake may be lifted and served with out danger of dropping.
Price: $2.05, No. KC84
Source: AFB

CAN OPENER
Compact, sturdy, portable can opener.
Price: $1.75, No. KC76
Source: AFB

CANNED GOODS MARKER KIT

Transparent plastic labels, held on can by elastic bands with patented clips. Labels can be brailled on slate. Kit composed of 25 strips of plastic (100) labels, 25 bands and perforating punch.

Price: $1.85, No. KS77
.65, No. KS78 - Plastic Strips for KS77 (25)
.50, No. KC79 - Elastic Fasteners for KS77 (10)
.35, No. KC328 - Perforating Punch for canned goods marking kit

Source: AFB

EGG POACHING RING

An adaptation of the standard egg ring to enable blind persons to fry or poach eggs and serve them.

Price: 15P, No. 9070

Source: RNIB

FLAME TAMER

To control gas flame. Can be used on gas or electric stoves, in order to allow better heat regulation. It will help prevent boiling over, sticking and scorching and protects glass cooking utensils from excessive exposure to heat.

Price: $1.98, No. KC89

Source: AFB

GAS STOVE LIGHTER

Old fashioned flint and steel sparking device for lighting gas stoves.

Price: $.40, No. KC81
.50 - Flints for lighter, No. KC82

Source: AFB

HOUSEHOLD SCALE

Platform scale with total capacity of 25 pounds, platform 6" x 6" in size.

Price: $11.25, No. SCM109

Source: AFB

KNIFE SHARPENER

Slots in a housing, which is screwed to wall, hold the knife blade at the correct angle against hand-turned grinding wheel.

Price: $2.95, No. KC86

Source: AFB

LIQUID DISPENSER

Specially designed to enable blind persons to measure a spoonfull of liquid.

Price: 25P, No. 9290

Source: RNIB

MAGNA WONDER KNIFE

Built-in slicing guide, with adjustable thumb screw for desired thickness attached to knife blade. Blade 8 1/4" of heavy duty stainless steel.
Price: $5.95, No. KC83
Source: AFB

MEASURING SPOON-FOUR IN ONE

One end a taplespoon measure, the other end a teaspoon measure. Turned over, one end 1/4, the other 1/2 teaspoon measure. Plastic.
Price: $.25, No, KC74
Source: AFB

MEDASEPTIC TEASPOON MEASURE

Glass tube about 1/2" in diameter, 4 3/4" long, terminating in a spout in the bottom inch. Rubber ball at top serves to draw liquid into the syringe and discharge it. Rubber ball easily removed for cleaning tube.
Price: $.50, No. KC73
Source: AFB

PANCAKE TURNER (AUTOMATIC)

Blade is slid under the food and raised a couple of inches. When handle is squeezed, the blad flips food over and redeposits it in same space.
Price: $.50, No. KC87
Source: AFB

PIE CUTTING GUIDE

Nickel-plated wire guide for cutting a 9" pie into six sections. Wires are spaced to allow knife to pass between them.
Price: $3.00, No. KC85
Source: AFB

PRESSURE COOKER (MIRRO MATIC)

Bouncing weight tells when desired pressure is reached. Weight has three holes drilled around its circumference and pressures of 5, 10, and 15 pounds are secured by setting the hole on a vent-pipe in lid of pan. 10 - pound hole is indicated by a slight file mark. Lid is locked by pulling handles together. Safety fuse blows if vent-pipe clogs. Trivet and braille cooking charts included.
Price: $14.50, No. KM65, 4-qt. (Holds 3 pint jars)
19.65, No. KM66, 6-qt.
24.05, No. KM67, 8-qt. (Best for canning)
Source: AFB

REMIND-O-TIMER

A time switch to turn on and off light household appliances such as TV, radio, tape recorder, coffee makers, etc.
Price: $37.95, No. CM35
Source: AFB

ROTARY GRATER (MOULI)
A nickel-plated cheese and vegetable grater which is especially easy to clean. Takes cubes of food about 2" square, for grating.
Price: $1.69, No. KC88
Source: AFB

SHORTENING MEASURE
Plastic container to simplify measuring any firm shortening. Slots to set for 1/2, 1/3, 1/4 cup and 3, 2, 1 taplespoons.
Price: $.98, No. KC75
Source: AFB

SUNBEAM FRYPAN WITH CONTROL
A buffet style frypan. Automatic heat control is removable. When heat-control has been removed, pan can be completely immersed for cleaning. Pan measures 11 1/2" square. Weight approximately 5 1/2 pounds.
Price: $24.15, No. KM334
Source: AFB

SUNBEAM FRYPAN WITH CONTROL
Same as KM334 except teflon coated.
Price: $25.25, No. KM337
Source: AFB

SUNBEAM REMOVABLE FRYPAN CONTROL
Price: $9.95, No. KM69
Source: AFB

TABLE PLACE-SETTING BOARD
Permits the visually handicapped person to learn the relationship of the various pieces in a table setting. Has recessed spaces for positioning of articles.
Price: $5.00
Source: TAB

TEASPOON DISPENSER (PRESS-FLO)
Intended for use in measuring a level teaspoon. Plunger operated by a button at top releases material.
Price: $1.10, No. KC71
Source: AFB

PRACTICAL ARTS-SEWING

HEM GAUGE
Heights range from 11" to 23". A metal guide permits accurate insertion of pins to mark hems.
Price: $2.10, No. SEM112
Source: AFB

KNITTING CLOCK
Marked in braille to enable a blind knitter to keep a check on the number of rows. Along the top edge, nicks are cut at one inch intervals.
Price: 26P, No. 9382
Source: RNIB

NEEDLE THREADER (HEXE)
Has a plastic base. Complete directions are given.
Price: $.60, No. SEC118
Source: AFB

NEEDLE THREADER (WINK)
Can be used to thread wide variety of needles. Comes in plastic container.
Price: $1.10, No. SEC117
Source: AFB

NEEDLES (REDI-THREAD)
It is designed to lock nylon thread in place.
Price: $.15, No. SEC113
Source: AFB

NEEDLES SELF-THREADING
Has slit eye. Thread is stretched across slot at end of needle, then pulled into eye.
Price: $.15, No. SEC114
Source: AFB

NEEDLES SELF-THREADING
Similar to SEC114, Sizes 3 to 7.
Price: $.20, No. SEC115
Source: AFB

NEEDLES, THREADED SEWING
Packets containing five threaded needles. The packets are available in black, white, brown and beige cotton thread and one in nylon. The advantage is the color of the thread is brailled on the package making it possible for a blind user to identify the color of thread that the needle contains. The complete set of five packets is available in one cello envelope.
Price: Not Available
Source: Mr. Rikard Uddenborg, R. U. Company, 5402 North Glenwood, Chicago, Illinois 60640

SQUARES OF CARDBOARD PERFORATED FOR SEWING
Sewing cards are 5" x 5" on white card stock. Designed for kindergarten sewing work.
Price: $.03 each, No. 1-0460
Source: APH

TAPE MEASURE
5' cloth tape with wire strands to prevent stretching. Large ink-print markings, and wire staple indications for tactual reading.
Price: $.95, No. SEM119
Source: AFB

TIDEE MAID SEWING BOX
9" x 3" x 2" high.
Price: $2.80, No. SEC120
Source: AFB

WIRE LOOP NEEDLE THREADERS
Three free to individuals upon request.
Price: $.01 each - Bulk lots to agencies, No. SEC116
Source: AFB

PRESCHOOL

BEST VESTS
Designed for learning to operate the common fasteners found on children's clothes. Constructed of strong denim cloth and adjustable to fit any child. Large durable fasteners; button, zipper, buckles, bow-tying, snaps, rain coat snaps.
Price: $5.00 each
Source: TEACH

BOW-TYING FRAME
Colorful fabric joined with a series of two-color durable bows.
Price: $4.95
Source: TEACH

BUCKLING FRAME
Two pieces of heavy material are joined by a series of straps, similar to belt buckles.
Price: $4.95
Source: TEACH

BUTTON FRAME, LARGE
First button frame, with six buttons and reinforced button holes.
Price: $4.95
Source: TEACH

BUTTON FRAME, SMALL
Second button frame, with seven smaller buttons to refine finger movements. Reinforced button holes.
Price: $4.95
Source: TEACH

CLOTHING FASTENING DEVICES, FRAMED

Wooden frames on which pieces of cloth have been mounted. Designed for teaching small children to use various clothing-fastening devices. e.g., lace, button, snap, hook and eye, zipper separated, zipper closed.

Price: $2.25 - Single Frame
8.25 - Set of any four
12.00 - Set of any six

Source: Train Aids, Post Office Box 4053, Rochester, New York 14610

COMPRESSION SNAP FRAME

Colorful cloth is joined by a series of compression snaps.

Price: $4.95

Source: TEACH

CONSTRUCTO KIT, JUNIOR

Wooden constructo set consisting of 38 pieces of, 1/4 the number found in the Senior Kit, hardwood and wooden bolts to be used as an erector set. Packed in a black fibreboard storage box.

Price: $17.50, No. 1-0369

Source: APH

CONSTRUCTO SET, SENIOR

Wooden constructo set consisting of 151 pieces of hardwood and wooden bolts to be used as an erector set. Packed in wooden storage box.

Price: $50.00, No. 1-0314

Source: APH

DIAGRAM BOARD

Diagrams and outlines of pictures can be formed by placing rivets in the holes of the perforated zinc frameword.

Price: 1L 61P, No. 9209

Source: RNIB

FORMBOARD WITH REMOVABLE HANDS

Consist of a gray plastic case, 7" x 16" x 3/8" in size, incised with a left and right hand, each 5" across x 3 9/16" high, into which are fitted two wooden blocks, painted blue, in the same shape and size of left and right hands.

Price: $7.75 per set, No. 1-0370

Source: APH

GIANT TEXTURED BEADS

This set of materials consist of 12 large wooden beads of three different shapes - 4 cubes, 4 rectangular solids and 4 cylinders. Each shape is painted its own distinct color (red, yellow and light blue). The stringer consists of a white nylon cord with a wooden stop at one end and a pliable nylon tip at the stringing end.

Price: $13.75, No. 1-0378
3.25, No. 1-0379 - Stringer Replacement.

Source: APH

HOOK AND EYE FRAME

Large, easy to use, hooks and eyes are used to fasten the two pieces of fabric.
Price: $4.95
Source: TEACH

LACING FRAME

A series of reinforcing grommets line each edge of the cloth. Supplied with a strong cord for lacing.
Price: $4.95
Source: TEACH

PLACE VALUE TAB RACK

3 1/2" x 24" wood board with 3/4" x 2" tabs. To teach the meaning of numbers in terms of place value.
Price: $3.25, No. 735
Source: The Judy Company, 310 North 2nd Street, Minneapolis, Minnesota 55401

PLASTIC PEGBOARD AND PEGS

Semi-rigid vinyl type frame 8 1/2" x 7". Pegs are 5/16" x 5/16" x 7/16" hard blue vinyl plastic.
Price: $2.25 - Frame, No. 1-0038
2.00 - Pegs, No. 1-0041
Source: APH

ROUGHNESS DISCRIMINATION TEST

Developed to predict readiness to learn to read braille for blind children enrolled in the first grade of school. The test consists of a set of 69 cards on which are mounted four pieces of sandpaper. Of these, three pieces are alike and one is different, being rougher or coarser than the other three. The task of the student taking the test is to find the piece of sandpaper on each card which feels different from the others. Kit consists of 69 cards, test manual, and 25 self-scoring answer sheets. Answer sheets are not copyrighted and may therefore be reproduced locally.
Price: $30.00, No. 1-0352
Source: APH

SHAPE BOARD

Consists of a tray with three rows of fine pegs each, on which are hung flat pieces (1/8" thick) of five different shapes (circles, triangles, squares, rectangles, and pentagons), and of three relative sizes - large, medium and small. All pieces are painted a flat gray on the back, all those of a particular shape are painted the same color on the front.
Price: $19.50, No. 1-0371
Source: APH

SHOELACE AID

Consists of a wooden frame shaped like a high-top shoe, but open at the back so a child can put his foot into it, with 2 vinyl-coated-cloth lacing flaps with 4 eyelets on each side, plus two kinds of laces.
Price: $9.25, No. 1-0380
Source: APH

SQUARES OF CARDBOARD LINED OFF IN INCH SQUARES FOR PARQUETRY PAPER WORK

Price: $.03 each, No. 1-0462
Source: APH

TOUCH AND TELL

A Reading-readiness book compiled especially for blind children. This set of materials consists of three small volumes, 9 1/2" x 7 1/2" high, plus a small mimeographed pamphlet of instructions.
Price: $5.75 for the Set, No. 6-4467
Source: APH

WOODEN PEGBOARD AND PEGS

Wooden type frame 8 1/2" x 12 3/8" x 1". 1/4" x 1/4" x 9/16", hard-wood, natural-colored square pegs.
Price: $8.50 - Frame, No. 1-0056
1.00 - Pegs, No. 1-0327
Source: APH

WORK-PLAY TRAYS

Trays of two sizes, each designed to provide contained limits within which a child can work or play with toys or other materials. The larger tray is 22 1/2" x 13 1/2" x 1 1/4" outside size; the smaller tray is 18" x 12" x 1 1/4" outside size.
Price: $4.55, No. 1-0375 - Small tray
4.85, No. 1-0376 - Large tray
Source: APH

ZIPPER FRAME

Attractive material joined with a large heavy-duty zipper.
Price: $4.95
Source: TEACH

READING AIDS

BOOK STAND

Varnished wood bookholder, accomodates braille and outsize books. Adjustable triangular stand.
Price: $5.00 - 12" x 14"
6.00 - 14" x 16"
Source: TAB

BOOK STAND
Designed for use with NAVH Large Print Books.
Price: $1.00
Source: National Aid to Visually Handicapped, 3201 Balboa Street, San Francisco, California 94121

DESK TOP READING STAND
Constructed of high quality wood having full surface measurements of 18" x 24". Designed to hold braille or large type books on any occasion where hands need to be free. The book rest can be positioned to 65, 55, 45, 35 and 25 degree angles. The desk top reading stand can also be used as a portable desk top. In the center at the top of the stand is a slot which acts as a carrying handle.
Price: $25.00, No. 1-0322
Source: APH

GORE READING STAND
Table model. Four-jointed, with one arm permitting extension from 6 1/2" to 12", C-clamp for attaching to table or desk, music-stand type bookrack.
Price: $27.50, No. 1-0321
Source: APH

KING SIZE STUDY STAND
Holds books and other study materials, freeing hands for writing and sketching. It accepts flimsy materials like sheet music, as well as thick, tall books like dictionaries and atlases. The stand has a chrome finish and marproof plastic tips. It folds flat.
Price: Not Available
Source: Dawn Products Company, Owatonna, Minnesota 55060

SHAFER READING STAND
Floor-pedestal model. 44" vertical shaft, with jointed arm permitting extension to 27"; adjustable for both standing and sitting positions.
Price: $40.00, No. 1-0323
Source: APH

RECORDING AND SOUND EQUIPMENT

BINAURAL EARPHONE KIT
Lightweight, plastic enclosed earphones. Low impedance (8 to 15 ohms) which closely match the amplifier output circuit in talking book reproducers. Equipped with a phone plug and 9 foot connecting wire. Delay in transmitting sound to other ear creates a kind of "binaural" effect.
Price: $7.00, No. MC221
Source: AFB

CONTAINERS

For talking book records, tape reels, and Braille books are available for purchase by schools, agencies, and individuals. Containers are made of sturdy black fibreboard, 1/16" thick, riveted together. Brochure available giving sizes and prices.
Price: From $1.05 to $2.80 each
Source: APH

DISC PLAYER

Completely battery-operated. Plays up to 12" discs at 16, 33-1/3, and 45 rpm. Will run for about 100 hours on one set of 4 "D" size flashlight batteries and one 9-volt transistor battery. Jack for earphones. One set of batteries included. Dimensions: 9" x 9" x 4".
Price: $35.00
Source: SFB

HEADPHONES

Trimm commercial, featherweight, magnetic headphones, 3000 ohms with adjustable two strap plastic covered headbands. Phones measure 2 1/4" in diameter by 1/2" thick and weigh only 6 ounces. Good volume when used with talking book reproducer. Equipped with plug.
Price: $8.95, No. MC222
Source: AFB

HEADSETS

Dual sets with plugs. Designed for use with APH reproducers, and model 105 Sony tape recorder.
Price: $3.50, No. 1-0095
Source: APH

LAFAYETTE RK-142 TAPE RECORDER

Two-track, monophonic tape recorder, 6 7/8" x 10 5/8" x 14 3/8" weighing 18 pounds. Recording and playing speeds are 7 1/2 and 3 3/4 ips, tape reel size, up to 7". Equipped with pause lever. For silent stop and start.
Price: $70.00
Source: SFB

MICROPHONE

Has good frequency response, low harmonic distortion. Head is shaped like a bullet head and is equipped with a handle. The on-off switch is in the handle. Bronze and brown finish.
Price: $14.20, No. MC224
Source: AFB

RECORDING LEVEL INDICATOR

Can be connected to a tape recorder to indicate the proper recording level. Has a braille scale, and auditory warning is given when proper recording level is exceeded.
Price: $22.00
Source: SFB

RUBBER CUSHIONS

Sponge rubber, army type ear cushions to fit headphones shown as catalog number MC222. Shuts out noise and makes headphones feel more comfortable. About 3 1/2" in diameter and 1 1/4" thick.
Weight of pair: 2 ounces.
Price: $1.05, No. MC223
Source: AFB

SONY 105 TAPE RECORDER, APH-MODIFIED

Designed to provide a system of tone-indexing of tapes recorded on this machine for use in locating particular recorded passages for reference or later study. It is a portable, solid state, 4 track monophonic recorder with the exclusive sony-matic automatic volume control system. Other features are 7-inch reel capacity, 3 speed operation (7 1/2, 3 3/4, 1 7/8 ips), tape counter, automatic shut-off switch, instant stop button, speaker on/off switch, and retractable pinch roller for easiest tape threading. Recorder comes complete with dynamic microphone and stand, Sony button-type earphone, connecting cord, head-cleaning ribbon, adapter plug for APH headsets, and APH modified slotted self-threading reel.
Price: $169.95, No. 1-0091
Source: APH

SONY 105 TAPE RECORDER, APH-MODIFIED, VARIABLE-SPEED MODEL

This machine incorporates the same specifications as the standard-speed Sony 105 (catalog number 1-0091), plus an APH-developed "solid-state" electronic variable-speed control which will permit the user to play tapes at any speed he might wish. The new speed control operates on a principle whereby the frequency of the electricity supplied to the motor is varied; thus, the motor changes speed without loss of power or speed stability. This control will increase the tape speed by 50% or will lower the speed by 100%. When the recorder speed-selector is set at 1 7/8 ips, the speed of the tape can be lowered to 15/16 ips.
Price: $189.95, No. 1-0092
Source: APH

TALKING BOOK ALBUMS

Eleven different storage albums for two sizes each of talking book records (10" x 12" in diameter) are available as may be needed for story titles composed of anywhere from 3 to 13 records each. Each album is bound in heavy binder's boards covered with imitation leather cloth. Brochure available containing catalog numbers and prices.
Price: From $1.25 to $1.85.
Source: APH

TALKING BOOK REPRODUCER, APH MODEL TR-1000

Of totally new design, this reproducer is small in size, weighs only a few pounds, and incorporates many new features. The case is of luggage style, charcoal gray in color, and very sturdily constructed with heavy metal fittings and trim. The pickup arm, of totally new design, provides location of the start of 10 and 12 inch phonograph records and protects the record from accidental damage or scratching from the needle while playing. The amplifier is of the latest solid-state design and much more dependable than the old type. The speaker is of a new compact poly-foam type which requires only a small cabinet baffel to produce good sound. The motor-speed selector is located at the left front and the headset plug is in the front of the case. This reproducer will play talking book records recorded at 33 1/3, 16 2/3, and 8 1/3 rpm and is designed to operate on 110-120 volts, 60 cycles, AC only.

Price: $90.00, No. 1-0096
1.75 - 6 ft. Speacer extension cord
3.75 - Model 83-D dual diamond Astatic Needle Cartridge

Source: APH

TALKING BOOK REPRODUCER, APH MODEL VTR-5000

This reproducer incorporates the same specifications as the Model TR-1000, plus the new APH electronic variable-speed control. This special feature permits the user to select (at the turn of a dial) any speed he pleases - faster or slower than the set speed of the turntable. The new speed control is operated on a principle whereby the frequency of the electricity supplied to the motor is varied; thus the motor, which is of the frequency-stabilized type, changes speed without lossof power or speed stability.

Price: $125.00, No. 1-0097

Source: APH

TRIMM DEPENDABLE HEADPHONES

3.2 ohms. Since these headphones more nearly match the impedance of talking book reproducers they are of particular value to a blind person with impaired hearing.

Price: $4.95, No. MC253

Source: AFB

VARIABLE FREQUENCY POWER SUPPLY

Enables one to speed up tape or disc reproduction approximately 85% and to slow it down approximately 50%. Measurements are 13" long, 6" deep, and 9" high. Weight is 25 pounds.

Price: $97.00, No. TS331

Source: AFB

VARIABLE FREQUENCY POWER SUPPLY

For use with phonograph motors only.

Price: $75.65, No. TS332

Source: AFB

SCIENCE

APPARATUS AND BIOLOGY MODELS

Following are a few of the distributors of science apparatus and biology models for sighted. Catalogs can be obtained and examined to determine their utility for visual handicapped children.

Source: Beckley-Cardy, 1900 Narragansett Avenue, Chicago, Illinois 60639
Central Scientific Company, 2600 South Kostner Avenue, Chicago, Illinois 60623
W. H. Curtin and Company, Box 1546, Houston, Texas 77001
Edmund Scientific Company, 101 East Gloucester Pike, Barrington, New Jersey 08007
Ideal School Supply Company, 11000 South Lavergne Avenue, Oak Lawn, Illinois 60453
Nasco, Fort Atkinson, Kansas 53538
Schoolmasters Science, 745 State Circle, Ann Arbor, Michigan 48104
Stansi Scientific Division, Fisher Scientific Company, 1231 North Honore Street, Chicago, Illinois 60622
Welch Scientific Company, 7300 Linder Avenue, Skokie, Illinois 60076

AUDIBLE COMPASS

Standard scout compass. Used in conjunction with a photo-cell and transistor tone generator. 4" long by 2" high by 2" wide.

Price: $21.95, No. MS339
Source: AFB

BAROMETER

Aneroid barometer with raised dots at every tenth of an inch. Adjustable for various altitudes.

Price: $10.50, No. THM 121
Source: AFB

BAROMETER

A standard aneroid barometer with an embossed plastic dial fitted over the ordinary dial marked in inches and tenths of inches. The indicator hand is strengthened and a movable indicator on the lacquered brass bezel enables settings to be made. Fitted into a turned mahogany case designed for wall fixing. Size 9 inches diameter, 2 inches deep, weight 31 pounds 8 ounces.

Price: 6L 80P, No. 9294
Source: RNIB

"BEST" INSTRUCTIONAL COMPASS

An aid for learning the points of the compass. A circular aluminum plate mounted on a wooden base and embossed with 16 raised lines radiating from the center. Sixteen small plates each brailled with a different "compass direction" are provided.

Price: 1L 31P, No. 9338
Source: RNIB

BIOLOGY (MANUAL OF BIOLOGY DRAWINGS)

Drawings prepared for those who need larger than normal size pictures. For the most part drawings are simple without complicated details. Areas covered: typical cells, classification of living things, plants, animals, comparative anatomy, reproduction, physiological systems of man, bacteria, heredity, ecology and diagram of geiger-muller counter.

Price: For Loan

Source: Industrial Home for the Blind, Nassau-Suffolk Braille Library, 329 Hempstead Turnpike, West Hempstead, Long Island, New York 11552

DIRECTIONAL COMPASS

Housed in a case, measuring 2 1/4" in diameter, 3/4" thick, weighs 2 ounces, magnetic steel needle serrated on the "North" end and rounded at the "South".

Price: $3.75, No. MS209

Source: AFB

HYGROMETER

Lufft hair-type hygrometer (for measuring relative humidity), adapted for touch reading.

Price: $20.95, No. THM127

Source: AFB

LIGHT PROBE, AUDIBLE PHOTOCONDUCTIVE

A general purpose pocket size instrument designed to detect and convert light directly into sound, the frequency of which rises proportionately with intensity of light. This aid has been designed as a short-range instrument and as such is not suitable as a guidance aid. Size: 5" x 3/4", weight: 2 ounces.

Price: 5L 29P, No. 9432

Source: RNIB

METER READER

An instrument which can be attached to visual meters for taking readings by correlating sound with the braille scale. It may be used on DC instruments only.

Price: $40.00

Source: SFB

MODELS, SEX EDUCATION

Used in sex education program at the Netherlands School for the Blind.

Price: Not Available

Source: Blok's Plastic V. I., Fran Halsstr, 66, Amsterdam, Netherlands

NORTH HILLS NATURE STUDY BRAILLE TRAIL

The self-guiding trail winds for approximately half a mile through heavy woods and overgrown farmland. There are 25 stations along the trail. A person may pause and read from the Braille or large print plates about the plant, animal and geologic life of the region. For the blind who cannot read Braille, portable tape players are available. The trail is located in the North Park area of Allegheny County near Pittsburgh, Pennsylvania.

Source: For additional information contact: Mr. R. Edward Van Gorder, Braille Trail Chairman, North Hills Jaycees, 321 Haugh Drive, Pittsburgh, Pennsylvania 15237

PULSE JET ENGINE

Engine has a diameter of 2 1/2", length of 21 1/2", and weight of 16 ounces with static thrust of 4 1/2 pounds.

Price: $39.50

Source: Curtis Automotive Devices, Inc., Dyna-Products Division, Post Office Box 297, Westfield, Indiana 46074

SCIENCE MEASUREMENTS KIT

Kit was developed to provide equipment needed to illustrate and explain basic operations of measurement to blind students in elementary and junior high school science courses. The kit consists of the following items: 1 dial thermometer, 1 foot ruler, 1 spring (dial) balance, 1 pan balance, assorted gram weights, 1 overflow can, 1 catch can, 8 - 1 1/4" square blocks made of assorted material, 4 - 1" gravity specimans, and 1 electric heater.

Price: $97.50, No. 1-0364

Source: APH

THERMOMETER (INDOOR)

Dial thermometer with scale 4" square. Range: minus 50 to plus 110 degrees. Can also be used outdoors.

Price: $4.85, No. THM305

Source: AFB

THERMOMETERS

All thermometers have a probe connected by about 3 ft. of flexible cable to a box containing the electronic circuitry and indicator. A knob on the face moves over a braille scale. When the point of minimum sound is reached, the position of the pointer attached to the knob is read on the braille scale. Dimensions about 5" x 4" x 2 1/2". Darkroom thermometer: 65 - 80° F, centigrade lab thermometer: -10-110° C, household (weather) thermometer: 0-110° F, clinical thermometer: 95-110° F.

Price: $50.00 each

Source: SFB

VOCATIONAL EDUCATION-INDUSTRIAL ARTS

ANGLE DIVIDER
Device enabling the householder or carpenter to set the angle at which a shelf must be cut to fit into a given corner. Also provides a means for setting by touch, the correct angle for cutting, 4, 5, 6, 8, and 10 sided polygons.
Price: $5.95, No. TC129
Source: AFB

BRAD PUSHER
Price: $2.95, No. TC130
Source: AFB

CALIPER RULE (STANLEY)
Price: $5.70, No. TM149
Source: AFB

CARPENTERS LEVEL
Price: $10.50, No. TS134
Source: AFB

CAST ALUMINUM RULE
Foot-rule graduated in 16ths of an inch. Braille numbers at each inch. Raised marks at each quarter inch.
Price: $2.75, No. TS158
Source: AFB

CHAIR CANING INSTRUCTIONAL FRAME
A wooden board showing 8 different examples of patterns described in the braillebook Chair Caning by A. G. Knock, published by the Institute.
Price: 1L 86P, No. 9193
Source: RNIB

CHISELLING GUIDE
A useful aid made of wood for guiding a chisel when cutting corners in wood work.
Price: 19P, No. 9431
Source: RNIB

DOVETAILING GUIDE
A wooden device to ensure that the blade of the tenon saw is correctly placed for cutting dovetails.
Price: 19P, No. 9430
Source: RNIB

DRILL POSITIONER
A device that makes it possible for the user to drill holes at right angles to surfaces in any position.
Price: $.50, No. TS144
Source: AFB

ELECTRONIC LEVEL

Standard Stanley level equipped additionally with mercury bubbles to provide an audible signal. Accuracy equivalent to sight bubble. When no signal is heard, accurate horizontal or vertical measurement has been obtained. Complete with 9 volt battery. Two types available.

Price: $39.50 - horizontal measurement only, No. TM325
50.30 - horizontal and vertical measurements, No. TM326

Source: AFB

GAUGE BLOCKS

Set of three steel blocks making it possible to set any dimensions by sixteenths up to 3".

Price: $5.25, No. TS145
2.00, No. TC146 - calipers, vernier, to be used with TS145

Source: AFB

GRAB ALL TOOL

Price: $1.60, No. TC133

Source: AFB

HANDY MAGNET

With handle, for picking up iron or steel objects.

Price: $.25, No. SEC111

Source: AFB

MANAGRIP

Magnetic tool or knife-holder measuring 8" x 1" x 7/8" thick. It may be mounted on wall above work area. Does not lose magnetism.

Price: $2.50, No. TC135

Source: AFB

MICROMETER, DISC

For measuring wires and metal sheeting, with a range of 0 - 10 mm., permitting a reading accuracy of 1/100 mm., with raised markings. Provided with support.

Price: DM 47,50

Source: BLINDEN

MICROMETER, STARRETT

Modification of standard Starrett micrometer for fingernail reading. Graduations on thimble have been deepened and raised dots have been added. On the sleeve all graduations have been deepened.

Price: $34.95 - 0" to 1", No. TM150
38.95 - 1" to 2", No. TM151
40.95 - 2" to 3", No. TM152
44.95 - 3" to 4", No. TM153

Source: AFB

MICROMETER, STARRETT DEPTH

Interchangeable rods provide 0" to 3" measurements. Adapted for fingernail reading. Provided with finished wood case. Other micrometers are available on special order. Consult AFB for delivery dates and prices.

Price: $49.95, No. TM154
Source: AFB

PRECISION PRESSURE LOCK WRENCH

A wrench which can apply a ton or more of gripping pressure and be locked into position. The jaws may be adjusted to the maximum of 1"

Price: $6.25, No. TC143
Source: AFB

PROTRACTOR AND SAW GUIDE

Raised dots appear at every five degrees on the protractor. The saw guide arm may be locked at the desired angle.

Price: $2.75, No. TM137
Source: AFB

ROTOMATIC RULE

A 6" aluminum rule which can readily be read to 1/64".

Price: $5.25, No. TS159
Source: AFB

SCREW STARTER

Price: $2.45 - 2 3/4" blade, No. TC140
3.00 - 6" blade, No. TC141
Source: AFB

SCREWDRIVER (QUICK WEDGE)

A split blade screwdriver which grips slots of screws from size No. 4 up.

Price: $2.10 - 4" blade, No. TC138
2.15 - 6" blade, No. TC139
Source: AFB

SOLDERING IRON (SPEED)

The Weller soldering iron heats and cools so rapidly that work can always be positioned by touch while the iron is cold. Heats to soldering heat in ten seconds, and cools in a fraction of a minute.

Price: $7.45, No. TC142
Source: AFB

STANLEY COMBINATION SQUARE

Can be used as: straight edge rule, outside try square, inside try square, mitro square, depth gauge, and a marking gauge. The handle is 4 1/2" long and slides along the scale. This model also includes a level and scriber. Note: This level cannot be used by a blind person.

Price: $6.10, No. TM155
Source: AFB

STANLEY FLAT STEEL FRAMING SQUARE
Can be used as a square, ruler, and straight edge.
Price: $8.75, No. TM160
Source: AFB

TAPE, 6'STEEL
Flexible steel rule, which slides back into the case with raised markings.
Price: $2.75, No. TM165
Source: AFB

TELESCOPIC CLICK RULE
An aluminum rule which clicks at each 1/16" and has raised graduations at each half inch. The outer end of the slide is threaded to receive two plain extension rods, which are included, one foot each, for use as a 2 or 3 foot rule.
Price: $15.50, No. TS367
Source: AFB

TIRE PRESSURE GAUGE
Oversized gauge of plunger type which can be read to an accuracy of one pound. Notches appear around the four sides of the rectangular plunger. Four-pound graduations have been deepened. Notches progress clockwise around rod in increments of one pound, capacity: 4-50 pounds.
Price: $3.15, No. TM132
Source: AFB

WOOD-MARKING GAUGE
Combination tri square and wood-marking gauge. Slide may be locked at any setting. Removable brad awl point for making tangible lines on wood.
Price: $5.95, No. TS157
Source: AFB

WRENCH, TORQUE-STURTEVANT
When the wrench is set to the proper torque, the mechanism imparts a strong impulse to the hand, sounds a distinct click, and releases to a lower torque. Three raised dots at 0, alternating single and double raised dots every 10 pound increment. Specify 1/2" or 3/4" drive. Other sizes available on special order.
Price: $50.95, No. TM327
Source: AFB

MISCELLANEOUS

MATERIALS ON UTILIZATION OF LOW VISION

The materials consist of two kits which can be purchased separately - The Teacher's Kit (ULV) which contains one copy each of the following: Visual Efficiency Scale, Directions for Administration of VES, Profile Sheet, Record of Performance on VES, and Teacher's Guide. The VES Kit contains the following: one copy Directions for Administration of VES, ten copies Visual Efficiency Scale (VES), ten copies Profile of Visual Skills and Behavior, and ten copies Record of Performance.

Price: $2.50, No. 8-5060 - Teacher's Kit (ULV)
6.00, No. 8-5059 - VES Kit

Source: APH

MULTIPLE-CHOICE, MULTIPLE-PURPOSE ANSWER SHEETS

Each sheet is numbered 1-20, with answer choices labeled a, b, c, d, and e.

Price: $.55 per 50 sheets, No. 5-0676 (Braille Sheets)
.60 per 50 sheets, No. 4-0103 (Large Type Sheets)

Source: APH

APPARATUS AND EQUIPMENT MANUFACTURED IN JAPAN

The below listed aids are products of Japan. They are listed alphabetically under the manufacturer or supplier. All known information is given in the listing. If further information and description is desired please contact the original source. Prices given are the last known price and are subject to change without notice.

Anzen Kotsu Shiken Kenkyukai Center, 1-8-25, Minamikata, Okayama-shi Okayama Pref.

Braille Color Tile	$ .40
Braille Safety Eye	1.40
Vibration Traffic Signal	136.10

Guseisha 3959, Kitamicho, Setagaya-ku, Tokyo.

Braille Counting Plate	4.80
Braille Eraser (Stick and Plate)	.50
Braille Learning Dice	.70
Braille Learning Instrument (Type 1)	.70
Braille Learning Instrument (Type 2)	1.00
Braille Learning Plate	1.00
Braille Printing Plate (with Roller and Stylus)	6.10
Braille Writing Frame (2 lines)	.80
Braille Writing Frame (4 lines)	1.60
Braille Writing Frame, Portable (with Stylus)	.80
Braille Writing Frame, Portable (with Stylus)	1.60
Brailler, Light	22.20

Brailler, Light (Braille Typewriter) Type A . . . . . $ 22.20

Press, Copying 6.10

Typewriter, New Braille 69.50

Horie Schoji 9, Haruki-cho, Kanda, Chiyoda-ku, Tokyo.

Abacus, Takeda Brand 23 reed (oak) 2.94

Abacus, Takeda Brand 23 reed (blackwood) 3.64

Abacus, T. H. Brand 23 reed (oak) 4.20

Abacus, T. H. Brand 23 reed (blackwood) 4.76

Abacus, T. H. Brand 19 reed (oak) 4.20

Mojin Fukushi Kenkyukai 2-5-26, Nunohashi, Hamamatsu-shi, Shizuoka Pref.

Ashtray, Pocketable 60

Cane, White Folding, Four sections, light alloy, large . . . 3.90

Cane, White Folding, Four sections, light alloy, general . 3.70

Cane, White Folding (Standard Type) 2.40

Cane, White Folding with Curved Handle 2.70

Cane, White Folding with Light 3.80

Canes, White, Light alloy, standard or curved handle . . . 2.00
Light alloy, standard or curved handle . . . 1.70

Canes, White Folding, Four sections, standard or curved handle 2.40
Four sections, standard or curved handle 2.70

Canes, White Folding, Four sections, wood, with flashlight. 3.80
Four sections, wood, with flashlight. 4.00

Canes, White Folding, Three sections, light alloy, general . 2.80
Three sections, light alloy, large . . 2.80

Mojinyo Keiryoki Kyokai 1-4023, Kitasenzoku, Ota-ku, Tokyo.

Hygrometer.	$2.30
Measure, Height, 70 to 190cm x 1cm.,.	16.70
Micrometer, 0 to 25mm x 0.02mm.,.	19.50
Plastic Rules, Length 30cm, (5 pieces).	1.70
Scale, Spring Dial, Capacity 1 kg. x 10 kg.	5.00
Scale, Spring Platform, 100 kg. x 2 kg.	41.70
Thermometers, Bimetal, -30 to +50 C Range	1.70
Time Switche, 12 Hour	5.30
Timers, 60 minute	3.90
Vinyl Measures with Eyelets, Length 150cm. (3 pieces) . . .	1.68

Mojin-yo Kinryoki Kyoka 1-42-13, Kitasenzoku, Ota-ku, Tokyo.

Automatic Balance	5.00
Barometer	2.30
Height-Meter.	16.70
Micrometer.	19.50
Scale, Plastic.	1.70
Thermometer	1.70
Time Switch	5.30
Timer	3.90
Vinyl Measure	.60
Weight-Meter.	41.70

Nakamura Tenjiki Seksa 1-14-3, Saginomiya, Nakano-ku, Tokyo.

Braille Writing Frame (4 Line, 26 Cell)	1.70

Braille Writing Frame (4 Line, 32 Cell) $2.00

Braille Writing Frame (6 Line, 19 Cell) 1.70

Braille Writing Frame (6 Line, 30 Cell) 2.00

Braille Writing Frame (32 Cell) 3.90

Braille Writing Frame (37 Cell) 5.60

Compasses 30

Printing Press, Braille (Made by Estimation). . . . . .

Protractor. 70

Stereotyper, Braille (Made by Estimation). . . . . .

Typewriter, Braille 180.60

Nippon Mojinkai, 96 Suwa-cho, Shinjuky, Tokyo.

Wrist Watch 16.10

Osaka Shiristu Mogakko Dosokai 619, Toyosatocho, Higashiyodogawa-ku, Osaka.

Abacus. 2.90

Yogu-bu, The Japan Braille Library, 212 Suwa-cho, Shin, Tokyo.

Braille Writing Frame, Portable Plastic 80

Magnetic Abacus 2.50

Raised Line Drawing Kit 2.50

Slide Calipers. 1.20

Travel Alarm Clock. 4.30